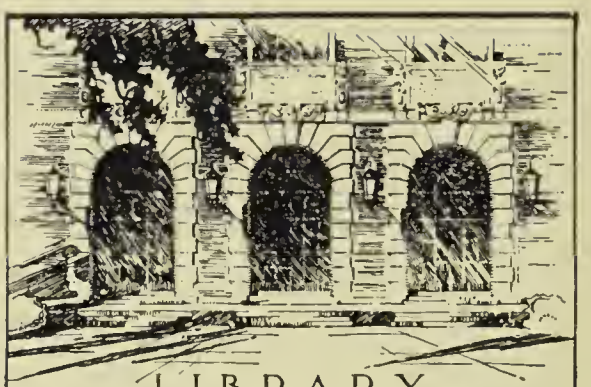
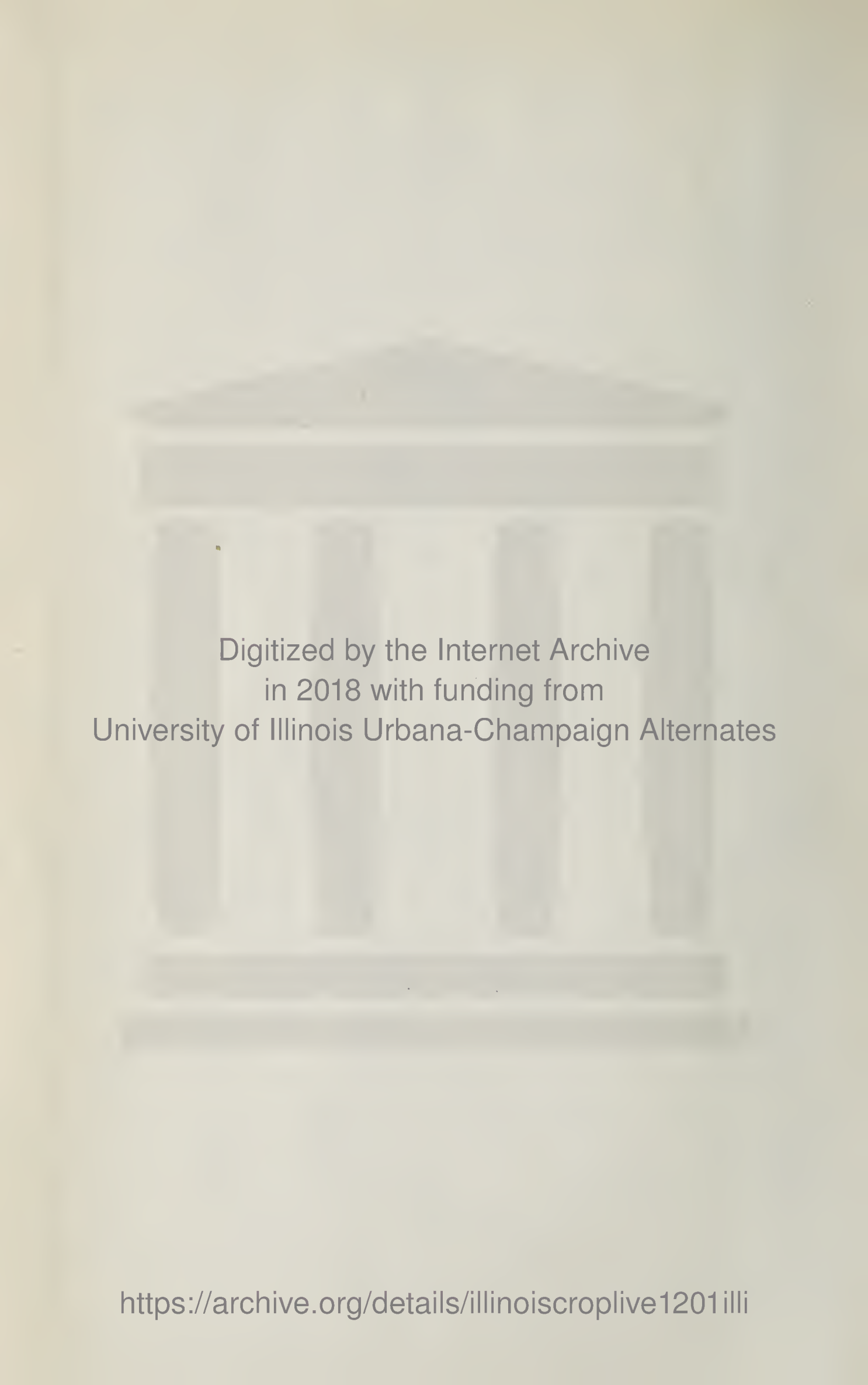


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AGRICULTURE


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ILLINOIS STATE FAIR—At Chicago September 14, 1885.
AMERICAN FAT STOCK AND DAIRY SHOW—At Chicago November 10, 1885

ILLINOIS

CROP REPORT

— FOR —

APRIL, 1885.

— CONTAINING —

Summary of Correspondents Remarks, Etc.,

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

CHARLES F. MILLS,
Secretary.

CIRCULAR 120.

SPRINGFIELD, ILL.
JOURNAL CO., STATE PRINTERS AND BINDERS.
1885.

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ILLINOIS CROP REPORT,

— FOR —

APRIL, 1885.

Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Meteorological Record, Etc.

ILLINOIS DEPRTMENT OF AGRICULTURE,
SPRINGFIELD, April 1, 1885.

The information contained in this circular was obtained from the reports of correspondents mailed to this department the first of April.

The correspondents of the department are, as a rule, farmers of extended experience and deeply interested in the accuracy of the returns.

A large number of the correspondents have been reporting to this department during the past nine years, and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgement and conservative character of the reporters. The correspondents number nearly six hundred, and are so distributed over the State as to represent each locality.

SEASON.

The meteorological report for the months of January, February and March, 1885, are given elsewhere in this report. The temperature during the months named has been unusually low. The records of the past winter indicate a remarkable season of continued cold weather of great severity. The precipitation including rain and melted snow since the first of January, is much below that of any corresponding period in any previous year on record.

WINTER WHEAT.

The area of the late seeding of winter wheat in each county in the State is given in the following table, as well as the April condition for 1882, 1883, 1884 and 1885:

43450

CONDITION OF WINTER WHEAT IN ILLINOIS APRIL 1, 1885.

NORTHERN DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882
Boone	584	100	100	90	107
Bureau	717	75	60	100	100
Carroll	3,082	25	95	....	92
Cook	106	---	80	90	90
DeKalb	147	75	100	75	100
DuPage	200	....	105	....	102
Grundy	105	....	....	....	....
Henderson	3,531	75	90	75	101
Henry	277	75	....	....	105
Iroquois	3,900	35	40	55	103
JoDaviess	3,261	50	102	75	108
Kane	122	75	100	90	100
Kankakee	1,994	82	77	66	110
Kendall	72	100	90	87	96
Knox	3,420	75	102	66	108
Lake	288	85	103	63	106
LaSalle	2,549	87	85	70	86
Lee	180	85	100	25	108
Livingston	377	80	92	47	108
Marshall	780	75	....	120	105
McHenry	629	82	100	83	100
Mercer	481	80	100	75	106
Ogle	3,471	65	100	96	107
Peoria	6,297	57	98	80	98
Putnam	951	90	97	77	106
Rock Island	230	....	154	85	100
Stark	270	87	100	95	105
Stephenson	5,233	63	95	88	105
Warren	682	88	91	63	106
Whiteside	441	80	50	---	....
Will	1,138	85	95	90	105
Winnebago	1,984	55	90	78	106
Woodford	3,589	33	100	90	97
Total or average	51,088	73	99	78	102

CENTRAL DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882
Adams	64,127	57	92	79	92
Brown	21,907	68	77	88	80
Calhoun	21,110	59	97	74	101
Cass	18,323	44	102	77	115
Champaign	29,075	35	82	55	115
Christian	59,680	37	95	77	95
Clark	28,223	36	53	64	76
Coles	26,785	34	74	70	96
Cumberland	25,161	26	82	68	92
DeWitt	6,391	77	105	76	105
Douglas	9,621	30	79	60	105
Edgar	40,002	42	70	56	101
Ford	447	80	75	25	100
Fulton	35,262	54	95	80	113
Greene	55,137	42	100	76	95
Hancock	30,548	82	104	95	116
Jersey	55,071	30	92	70	110
Logan	27,587	46	92	55	107
Macon	22,984	22	80	42	101
Macoupin	49,638	38	91	84	55
Mason	9,191	49	102	86	112
McDonough	10,723	68	97	75	106
McLean	5,179	31	84	64	106
Menard	30,379	51	105	72	109
Montgomery	75,898	33	79	68	89
Morgan	35,035	39	107	79	101
Moultrie	13,880	51	75	75	105
Piatt	9,839	75	82	53	103
Pike	83,917	24	81	84	106
Sangamon	49,492	34	83	57	98
Schuyler	30,828	60	96	89	101
Scott	9,881	15	97	53	87
Shelby	49,452	39	73	74	95
Tazewell	23,446	59	88	70	107
Vermilion	28,433	40	67	36	114
Total or average	1,092,652	46	87	69	100

SOUTHERN DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition May 1, 1882
Alexander	8,024	60	96	62	110
Bond	32,843	46	73	72	98
Clay	20,110	45	29	55	100
Clinton	67,415	70	79	49	112
Crawford	25,739	71	34	62	95
Edwards	17,246	72	75	56	107
Effingham	29,545	35	54	71	95
Fayette	36,888	48	58	59	90
Franklin	5,247	54	42	62	100
Gallatin	37,720	51	71	65	103
Hamilton	22,827	47	47	56	105
Hardin	2,203	57	65	....	106
Jackson	38,873	62	95	75	121
Jasper	24,986	50	32	68	98
Jefferson	46,045	67	33	71	97
Johnson	14,349	56	72	49	110
Lawrence	30,173	50	50	76	98
Madison	91,066	33	87	52	88
Marion	43,829	70	51	60	98
Massac	17,102	60	78	44	106
Monroe	65,351	35	100	75	106
Perry	31,557	59	70	58	105
Pope	19,513	57	82	55	110
Pulaski	8,804	70	97	75	116
Randolph	89,325	74	95	76	118
Richland	20,147	78	43	58	94
Saline	11,767	63	70	40	100
St. Clair	112,394	29	90	60	115
Union	20,810	77	87	78	107
Wabash	24,190	85	77	72	100
Washington	82,400	72	82	62	106
Wayne	19,670	61	42	70	100
White	39,516	63	78	44	110
Williamson	15,877	47	60	32	100
Total or average	1,173,551	58	68	61	103

WHEAT—Continued.

The condition of winter wheat has seldom promised a larger yield per acre than at the beginning of the late winter. The weather was favorable for the growth of wheat up to the time of the first snow in December, which protected the plant during the first spell of cold weather. The early sown wheat made a very satisfactory growth until the snow disappeared early in January. The plant was then tender and in good growing condition, but the extreme cold, freezing weather that immediately followed the "January thaw" killed a large area of the wheat, that, under favorable conditions, would have returned more than an average yield per acre. The heavy snow that followed and remained on the ground so long did not revive the plant or materially improve the condition of wheat. The cold, dry weather in March was very unfavorable for wheat, and the April condition has not been more discouraging to wheat growers for years than this season.

The area seeded to wheat in this State during the past ten years is as follows: 1875, 2,600,000 acres; 1876, 2,520,430; 1877, 1,977,745; 1878, 2,324,755; 1879, 2,440,808; 1880, 3,256,350; 1881, 3,642,589; 1882, 2,846,117; 1883, 2,047,956; 1884, 2,773,658.

The wheat area of the State during the past ten years has averaged 2,637,434 acres, which has returned an average yield of 34,769,618 bushels. The area seeded to winter wheat last fall in this State was 2,317,291 acres, a decrease of 405,472 acres as compared with the preceding year. The season is nearly one month late as compared with the average, and until the plant has had the benefit of some warm rains and growing weather, the damage to wheat by winter killing cannot be correctly ascertained. In some of the southern counties the extent of the wheat that has been winter killed can be determined with some degree of accuracy, and in not a few instances, one half or more of the wheat is dead.

In the northern division of the State the condition of winter wheat is much better than that in the central or southern divisions.

The area of wheat in the northern counties is so limited as to make the improved condition of comparatively little importance in averaging up the more unfavorable outlook in the central and southern divisions where the bulk of the crop is grown. The prospects are not encouraging for an average yield per acre of winter wheat in only two of the northern counties, viz.: Boone and Kendall.

The wheat has been damaged more extensively in the central portion than in any other divisions of the State. The prospects are not encouraging for even half an average yield per acre, and fully one-half of the late seeding of winter wheat in some of the central counties has already been plowed up. There will not be even three-fourths of an average yield per acre of winter wheat, except in the following central counties, viz.: DeWitt, Ford, Hancock and Piatt. The winter wheat area in these counties will not exceed fifty thousand acre. In the central counties in which the area of the late seeding of winter wheat is the largest, the condition April 1, was as follows: Adams, 57 per cent. of an average; Christian, 37; Greene, 42; Jersey, 30; Montgomery, 33; Pike, 24; Sangamon, 34; Shelby, 39. It will be seen in the table opposite that nearly one-half of the winter wheat area of the State is located in the central division, and that the present condition does not give encouragement for even half an average yield per acre.

The condition of winter wheat in the counties in the southern division is quite varied as will be seen in the foregoing table. The condition April 1, did not indicate even three-fourths of an average yield per acre in any of the southern counties, except Union and Wabash. The April condition of wheat in the southern counties where considerable attention is paid to the cultivation of this crop was as follows: St. Clair county, 29 per cent. of an average; Madison, 33; Randolph, 74; Washington, 72; Clinton, 70; Monroe, 35.

WINTER RYE.

The following table gives the area of the late seeding of this crop in each county in the State as well as the April condition for a term of years:

CONDITION WINTER RYE IN ILLINOIS APRIL 1, 1885.

NORTHERN DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882
Boone	1,827	100	100	98	103
Bureau	4,548	90	92	100	95
Carroll	47,345	77	102	85	98
Cook	984	90	93	98	100
DeKalb	2,013	....	82	80	100
DuPage	1,832	90	102	80	103
Grundy	1,366	78	95	90	100
Henderson	3,653	87	100	95	100
Henry	7,207	80	85	80	105
Iroquois	6,019	60	70	81	98
JoDaviess	1,633	80	102	95	101
Kane	2,554	90	98	93	103
Kankakee	8,416	93	95	85	110
Kendall	1,113	100	100	95	107
Knox	4,217	87	101	90	105
Lake	456	90	100	85	106
LaSalle	2,624	90	110	86	103
Lee	2,992	95	90	70	110
Livingston	2,824	80	90	60	106
Marshall	2,310	62	100	96	100
McHenry	1,286	85	100	83	100
Mercer	4,540	95	100	72	103
Ogle	6,438	85	97	98	104
Peoria	2,357	75	96	90	107
Putnam	968	82	100	93	107
Rock Island	3,002	90	100	90	101
Stark	1,471	96	100	91	102
Stephenson	14,596	73	96	91	103
Warren	2,435	95	98	88	106
Whiteside	14,540	100	85	80	....
Will	2,398	80	97	95	119
Winnebago	9,606	78	98	91	112
Woodford	2,131	58	100	87	101
Total or average	171,701	85	96	88	103

CENTRAL DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882
Adams	1,078	90	100	73	100
Brown	651	35	97	93	90
Calhoun	.....	75	100	80	....
Cass	434	64	105	100	105
Champaign	2,830	70	90	80	106
Christian	350	70	96	92	97
Clark	512	60	69	62	95
Coles	460	87	97	75	106
Cumberland	331	....	100	70	100
DeWitt	1,791	67	108	92	105
Douglas	264	60	92	73	103
Edgar	440	50	100	..	125
Ford	1,121	85	97	50	100
Fulton	7,278	76	96	90	101
Greene	194	90	110	100	107
Hancock	3,504	97	100	100	112
Jersey	61	....	100	.	100
Logan	1,546	68	95	96	102
Macon	376	85	95	78	105
Macoupin	173	90	100	100	50
Mason	.....	85	100	98	102
McDonough	9,418	87	95	100	100
McLean	6,329	68	92	76	105
Menard	1,115	80	100	95	106
Montgomery	491	62	83	83	87
Morgan	4,465	79	103	85	96
Moultrie	52	100	....	100	100
Piatt	691	80	95	...	101
Pike	308	100	100	90	100
Sangamon	1,671	82	100	96	105
Schuyler	450	....	97	100	100
Scott	85	....	100	70	96
Shelby	593	55	90	94	104
Tazewell	1,663	67	94	87	107
Vermillion	1,251	80	83	83	117
Total or average	51,976	76	96	86	101

SOUTHERN DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882
Alexander	30	90	80	88	105
Bond	698	57	90	95	95
Clay	210	45	....	....	100
Clinton	104	100	94	82	112
Crawford	209	70	85	83	86
Edwards	34	70	100	...	110
Effingham	455	57	71	75	93
Fayette	416	63	57	....	100
Franklin	4	....	75	75	100
Gallatin	270	....	....	....	....
Hamilton	486	37	77	68	105
Hardin	21	90	....	....	....
Jackson	25	70	95	90	100
Jasper	544	73	55	62	116
Jefferson	148	70	59	80	96
Johnson	16	60	70	77	100
Lawrence	193	....	75	100	95
Madison	480	41	100	83	100
Marion	249	...	....	65	95
Massac	49	50	62	45	87
Monroe	97	100	100	95	100
Perry	73	70	93	84	105
Pope	---	85	87	....	100
Pulaski	81	....	100	....	..
Randolph	81	90	95	85	100
Richland	195	82	60	64	97
Saline	5	50	77	40	95
St. Clair	91	80	...	95	....
Union	88	80	100	75	102
Wabash	7	..	....	...	100
Washington	105	75	90	90	103
Wayne	18	....	...	85	100
White	65	....	100	65	110
Williamson	28	...	....	50	100
Total or average	5,575	70	81	76	100

RYE—Continued.

The April condition of Rye is below that of any corresponding month the past four seasons. The condition of rye is much better in the northern division of the State, than in the central or southern divisions. The prospects are encouraging for nearly an average yield per acre in the northern counties, which contains nearly three-fourths of the late seeding. The condition is up to an average in the following counties in the northern division: Boone, Kendall and Whitesides.

With favorable conditions until harvest, there will be about an average yield per acre in the counties of Bureau, Cook, Du Page, Kane, Kankakee, Lake, La Salle, Lee, Mercer, Rock Island, Stark and Warren.

The cultivation of rye receives comparatively little attention in the central division of the State. About sixty per cent. of the total area of rye in this division is found in the counties of Champaign, Fulton, Hancock, McDonough, McLean and Morgan counties. The April condition gives encouragement for three-fourths of an average yield per acre in the central division.

The condition is up to an average in the following counties in this division, viz.: Moultrie and Pike. There will be nearly an average yield of rye per acre in the counties of Adams, Greene, Hancock and Macoupin.

The area of rye in the southern counties is quite limited and the pieces are so small and scattered as to make the growing crop of little importance, as a factor in the next crop. The average condition of the crop in the southern division indicates less than three-fourth of an average yield per acre.

The condition is up to an average in the counties of Clinton and Monroe, and nearly up to an average in the counties of Alexander, Hardin and Randolph.

FARM ANIMALS.

The past winter has been unusually cold and protracted. Farm animals have consumed about one-third more food than in average winters. The abundance of forage and grain on hand at the beginning of winter, and the prevailing low prices of stock food, have induced farmers to feed liberally, and live stock is generally in better condition than in the spring following milder winters. The ground has been covered with snow during the greater part of the winter, and there has been so little rain that stock not stabled have wintered well and wasted comparatively little feed.

The remarks of correspondents in each county in the State published elsewhere in this report, give assurance that there is less complaint of disease among farm animals than usual at this season of the year.

HORSES.

The condition of horses in all portions of the State is much above the average of the corresponding period in previous years. There are complaints of distemper, in a mild form, affecting horses in the counties of Iroquois, Kankakee, Knox, Lake, La Salle, Marshall, Stark, Warren, Fulton, Menard, Montgomery, Sangamon, Clay, Edwards, Gallatin, Jasper, Richland and Williamson. The number of fatal cases resulting from distemper is quite limited. There are very few cases of pink-eye reported, and correspondents refer to the conspicuous absence of epizootic diseases among the horses. A few cases of pink-eye are reported, in a mild form, in the counties of Mercer, Fulton, McLean, Montgomery and Jackson. The passage of the law providing for the payment of condemned horses affected with glanders has had the effect of brining to light an unusual number of animals suffering from this disease. Cases of glandered horses are reported in the counties of Boone, Livingston, Christian, DeWitt, Macon and Johnson. Mares are doing much better than for several winters past, and the premature birth of foals is of less frequent occurence.

There is an unusual inquiry for draft stallions, and the interest in breeding light and heavy horses is rapidly increasing in all portions of the State. Horses of the best quality are in active demand, and the majority of horse breeders of this State are realizing handsome returns on their investments.

CATTLE.

Cattle are generally healthy and in good condition. There are fewer complaints than usual of cattle affected with diseases. No recent cases of pleuro-pneumonia have been reported. The authorities have carefully guarded against the spread of this disease from the few isolated herds that were reported last season, and it is hoped that the effective quarantine regulations that have been enforced will prevent the further spread of pleuro-pneumonia.

There is an increase in the number of cattle in the counties where especial attention is paid to the production of butter and cheese. The increase consists mainly of cows and heifers. Dairy farmers are giving more attention than heretofore to the improvement in quality of milch cows by raising the most promising heifer calves.

The number of cattle being fed for beef in the State is less than in April, 1884.

There is no abatement in the interest taken by the breeders of improved cattle to increase the number and improve the quality of the leading breeds of cattle. The number of new herds of cattle being established in nearly every county in the State indicates the confidence of the more intelligent farmers in the future of well bred cattle of the dairy and beef breeds.

SHEEP.

The condition of sheep is nearly up to an average, as compared with corresponding dates in previous years. The number of sheep in the State is less than last season, and there are no prevailing diseases reported. The low price of wool, and the demand for mutton of late, has had a very depressing influence on sheep husbandry. The interest in the mutton breeds of sheep is sustained much better than in the other breeds of sheep. There are about the usual number of complaints of loss of sheep by dogs. The early lambs were not as strong as usual, and an unusually large percentage was lost by disease and the extreme cold weather.

HOGS.

The number of hogs in all portions of the State is less than April, 1884. The decrease in number is generally attributed by correspondents to the losses resulting from hog cholera, which has prevailed the past season in over two-thirds of the counties in the State. In some counties nearly one half the hogs are reported as having died from the disease.

There have been an unusually large number of complaints of hogs dying from exposure during the past winter.

Pigs farrowed this season are not as strong as usual, and the want of vitality is largely attributed to the debilitated condition of the sows resulting from the prevailing diseases and the effects of the severe protracted winter.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply, and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this department during the past nine years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,
Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The area of winter wheat is not as large as that of last season. The prospect for wheat is anything but favorable. The continued cold, dry weather in March has greatly injured the wheat; fully 35 per cent. of the crop is reported winter killed. Never before at corresponding season, has wheat been so backward; without favorable growing weather and warm rains soon, the growing crop will make the lowest average yield per acre ever produced in this county Less rye sown than last season; condition much better than that of wheat. Farm stock is in fair condition and with the exception of hogs, is healthy. Twenty-five per cent. of the latter have been lost by cholera during the past winter.

ALEXANDER—The acreage of winter wheat is less than last season. The general condition has hardly ever been so unfavorable at corresponding season. The cold, freezing weather of the past month has injured the growing crop fully as much as the unusual low temperature of January and February. There was less snow to protect wheat and rye, and more destructive freezes during the past winter, than ever known in this part of the State. The area of rye sown is less than usual. Farm animals are all reported up to the average in number, health and condition. Farm prospects are hardly up to an average, scarcely any oats sown at all. Farmers very anxious to get to work but the late cold spring prevents.

BOND—The area of wheat is about up to the average, but the condition is far below. The prospect for wheat was encouraging up to a month ago. The dry, cold spring seems to have killed much of the upland wheat. That in creek bottoms, even where subject to overflow, is in fair condition. The general opinion among farmers is that wheat is nearly a failure and cannot yield much more than half a crop. It is possible that a good, warm rain would revive the wheat where the plant is not entirely dead, and improve the prospect. Cattle, horses and sheep came through the winter in better condition than usual. The general outlook for the farmer in this county is gloomy.

BOONE—The area of winter wheat is somewhat less than that of last season. The heavy snow in the county has very greatly improved the condition of the crop, which wintered well under its protection. The wheat has not been affected much by the freezing and thawing weather. Farm stock, generally, is in fair condition and unusually healthy. Four cases of glanders reported among horses in the county. The frost is not yet out of the ground, and farm work is very much behind that of average seasons. There are a great many snow drifts remaining along the fences.

BROWN—There is a greatly diminished wheat area in this county. Wheat came out from under the snow in good condition, but the severe cold wheather and drouth has been very damaging to the plant. Until there is a good warm rain, it will be hard to determine the extent of the winter killed wheat. Rye looks well and there seems to be no difference in condition between that seeded by drill or sown broadcast. The general condition of cattle, horses, sheep and hogs, is good; no disease of any kind among them worthy of mention. The backward spring has delayed plowing and planting. Very little oats sown up to this time.

BUREAU—There is very little winter wheat raised in this county, "only a few patches here and there," and the area is less than that of last season. The continued "freezing and thawing" weather since the snow disappeared, has injured the plant to a considerable extent. Winter rye is looking quite green, especially where sown on river bottom land. The area of rye is greater than last season. Cattle, horses, sheep and hogs are in very fair condition. Very little cholera among the latter. Farmers have just commenced to plow; no oats sown as yet; snow drifts can be seen in almost every field along the fences and places protected from the sun.

CALHOUN—The wheat area of this county is less than that of last season, and the condition is far below that of the average for the past four years, at this season of the year. Since March 1st, the drouth, together with the extreme cold weather, has injured the crop fully 40 per cent. A great number of farmers are preparing to plow up the wheat, and plant corn. Cattle, horses and sheep came out of the winter in good average condition. Hogs are suffering from cholera to a considerable extent. There is a scarcity of teams in this county, to cultivate the increased area of corn land, resulting from the failure of the wheat crop.

CARROLL—There is an increased amount of wheat in this county over that of last season; and it is generally sown broadcast. The extent of the damage to the growing

crop cannot be definitely determined until there has been a good warm rain. Horses are in very fair condition, and cattle and sheep are in the best condition; owing to the abundant hay crop of the past year. Hogs are troubled with cholera, but not seriously so. No plowing done up to this time, on account of the backward spring. Some snow yet in drifts in places not exposed to the sun.

CASS—The area of winter wheat is not so large as last year. The extreme dry weather at sowing time, and the low prices, are the cause for the reduction. The condition of wheat, all things considered, is fair; the late sowing suffered much more than that sown earlier in the season, and that sown on wheat stubble is much better than that on oat stubble. Very little rye raised in this county; looks well. Horses are in good order. Cattle and sheep fair. Hogs are afflicted with cholera, small pigs dying off very rapidly. The soil is in fine condition, and every effort is being made by farmers to enlarge their spring crops.

CHAMPAIGN—Winter wheat looked very promising when winter set in, with an area of about 85 per cent. of an average acreage of former years. The unusually cold winter, with but one rain since the 27th of December last, and the ground then frozen so hard that it could not penetrate, has reduced the prospect for even a fair wheat crop. There is still from 4 to 6 inches of frozen earth, which, with the lack of moisture, keeps the plant from starting. There is but little rye raised in this county; the present condition is the poorest for years. The number, health and condition of horses, cattle and sheep is about the average. Cholera has afflicted the hogs in portions of this county to an alarming extent. The number and condition is far below the average. Farmers are patiently waiting for spring to open so that they can begin plowing.

CHRISTIAN—The area of winter wheat is less than that of previous seeding. The condition of wheat last December gave encouragement for more than an average yield per acre. The April condition of wheat is poor and but little over one-third of an average yield per acre of wheat is now expected. The wheat has not been as badly winter-killed where sown in the standing corn. The cold, dry weather has been very unfavorable for the growing crops. Rye is looking much better than wheat, and with favorable season until harvest, will make nearly three-fourths of an average yield per acre. The early sown wheat and rye is in better condition than the late seeding. Farm animals are in good condition, considering the long cold winter; a few cases of glanders are reported among horses. The season is backward and farmers are late in seeding their oats. The failure of the winter wheat will increase the area of corn and oats.

CLARK—The prospects are not encouraging for much over one-third of an average yield per acre of winter wheat, and the area is one-fourth less than that of the previous seeding. Wheat was nearly up to an average in condition last December. Much of the wheat was sown late, and made but little growth before the winter. Rye will not make two-thirds of an average per acre. Wheat and rye seeded with the drill is in better condition than that sown broadcast. Farm animals have seldom been in better condition at corresponding dates in previous years, and there is no complaint of disease except cholera among hogs in some localities. Spring work has been delayed by the protracted cold winter, and the usual area of oats has not yet been sown. There is complaint of scarcity of rains. The area of corn and oats will be larger than usual owing to the area of wheat that was winter-killed.

CLAY—Wheat badly damaged by the winter. The prospects are not encouraging for half an average yield per acre. The condition of wheat is some better than at corresponding date last season, but the area is one-fourth less. The late seeding looks worse than that sown earlier in the season. The area seeded to rye is quite limited. Farm animals are in fair condition. Cattle that were well fed and sheltered are in good condition. Black leg has prevailed to some extent in certain localities among the cattle. Horses are generally in fair condition, with no more than the usual amount of distemper prevailing. The scarcity of corn has made farmers saving of the crop, to the disadvantage of hogs, which are not up to the average in condition. There has been but little rain during the past three months. Farmers are busy sowing oats. The area of corn will be larger than last season, owing to the failure of wheat.

CLINTON—The late seeding of winter wheat was nearly as large as that of the previous seeding. It is rather early to determine the amount of damage that wheat sustained from the winter; the prospects are not encouraging, however, for three-fourths of an average yield per acre on the land where the wheat was not winter-killed. Rye looks well. Wheat is not in as good condition as last season at corresponding date. Farm animals are not up to an average in condition. The number of cattle is less than last season at corresponding date. Horses are healthy and nearly up to an average in condition. Sheep are in fair condition, and the number about the same as last season. The same may be said of hogs. There is still some frost in the ground, and fields are skirted with snow drifts in places not exposed to the sun. Season is very backward. Spring work is being advanced as rapidly as the weather will permit. Warm rains are greatly needed.

COLES—The late seeding of wheat was some larger than that of the previous year. Wheat seldom promised better than last fall when the condition was above the average. The wheat was badly winter-killed, and from present prospects there will be but little over one-third of an average yield per acre. The damage to wheat from the freezing and thawing weather in March was unusual. A large per cent. of the wheat will be plowed up and the land used for corn and oats. Rye will make over three-fourths of an average yield per acre. There is a scarcity of feeding cattle, and owing to the limited supply of corn, cattle are not up to the average in condition. Horses are in fair condition and generally healthy, only a few cases of distemper are reported. Sheep are thin in flesh but healthy. Cholera among hogs was quite fatal during the winter, but has nearly disappeared. Hogs are in thin condition and the number less than usual. Frost is all out of the ground, which is mellow and in fine condition for seeding oats. Farmers are nearly through seeding oats.

CRAWFORD—The area of winter wheat is one-fourth less than that of the previous seeding. The condition of the crop indicates nearly three-fourths of an average yield per acre with favorable season until harvest. Rye will not make even three-fourths of an average yield per acre, the area is much less than last season. Winter grain was damaged more seriously in March than during the coldest months of the winter. The condition of farm animals is nearly up to an average, and with the exception of some cholera among hogs in certain localities there is no complaints of disease. There is not as many feeding steers in the county as last season at corresponding date. There are a few cases of distemper among horses. The number of sheep is not as large as last season at corresponding date. In some portions of the county there has been considerable loss of hogs by cholera. The cold backward spring has delayed plowing and seeding. There will be an unusually large seeding of oats this season.

COOK—Rye is nearly up to an average in condition. Winter wheat receives but little attention at the hands of the farmers in this country. The area seeded to rye last fall is some larger than that of the previous season. Farm animals are generally healthy and in fair condition. Cattle where not sheltered show the effects of the cold protracted winter; there is an increase in the number of milch cows when compared with corresponding date last season. Horses have been troubled with the usual amount of distemper, otherwise are healthy and in seasonable condition. Sheep are healthy and lambs are doing well. The number of hogs is less than last season at corresponding date; condition about up to an average and no complaint of disease. There is considerable snow on the ground in places. Spring work is not as far advanced as usual owing to the cold protracted winter.

CUMBERLAND—There is a decrease in the area of wheat compared with the previous seeding. Wheat in many sections of the county is completely winter killed. The prospects are not encouraging for more than one-fourth of an average yield per acre. Wheat that has been sheltered in favored localities begins to look green; the wheat on exposed localities is nearly all dead. Farm animals are healthy, and cattle and horses are about up to an average in condition, Sheep and hogs are not in as good condition as usual at this season of the year; there is some complaint of loss of lambs owing to the low condition of the ewes. Farm prospects are not bright; the season is backward and there is much complaint of the protracted cold and dry weather. The area of corn and oats this season will be unusually large owing to the area of winter killed wheat.

DEKALB—The area of winter wheat is quite limited, and from present prospects there will not be over three-fourths of an average yield per acre. The area of rye is some larger than last season and the condition gives encouragement for an everage yield per acre. Farm animals are generally healthy and in good seasonable condition. The number of cattle is about the same as last season, and consists principally of milch cows. Horses are in good demand and the number is about the same as at corresponding date last season. Hogs are healthy and in good condition. Farmers have commenced spring work, which will be advanced as rapidly as the season will permit.

DEWITT—Wheat was up to an average in condition at the opening of the winter and the area was nearly as large as that of the previous year. The cold, dry weather in March did the wheat much damage and from present prospects there will not be much over three-fourths of an average yield per acre The area of rye is not as large as that of the previous year, and the condition does not give encouragement for two-thirds of an average yield per acre. A few cases of glanders among the horses have been reported, and during the fall and winter there was much complaint of cholera among hogs in several localities, otherwise farm animals are healthy and in fair condition. Farmers have commenced sowing oats; the ground is mellow but cold, owing to the backward spring.

DOUGLAS—Winter wheat badly winter-killed. The prospects are not encouraging for one-third of an average yield per acre. A large portion of the area seeded to wheat will be plowed up for oats. The area seeded to rye in the county is quite limited and the condition does not give hope for two-thirds of an average yield per acre. Farm animals are up to an average in condition for the season and there are no complaints of disease. The failure of the wheat will largely increase the area of corn and oats. The soil is mellow and in good condition for spring work, which is being advanced as rapidly as the season will permit.

DUPAGE—Winter wheat receives but little attention in the county. Rye will make nearly an average yield per acre with favorable season until harvest. The area is nearly as large as that of the preceding crop. There are no complaints of disease among farm animals, which are in good seasonable condition. There is a slight increase in the number of hogs in the county and a decrease in the number of sheep when compared with corresponding date last season. Farm prospects are encouraging, the ground is in good condition and spring work is well advanced considering the season.

EDGAR—Winter wheat last fall promised about an average yield per acre on a decreased area, as compared with the previous seeding. The growing crop has been seriously damaged during the winter, and from present prospects will not make even half an average yield per acre. The area of rye is quite limited but as large as that of the previous season. With favorable conditions until harvest there will be about one-half an average yield per acre of rye. There is but a small portion of the winter grain that will pay for harvesting. The dry and cold freezing weather in March seriously damaged the plant. Cattle and sheep are not up to an average in condition. Horses look well. Hogs are in fair condition, but in some localities the hogs are dying with cholera. The season is backward, and spring work has been much delayed by the continued cold weather.

EDWARDS—There is a large decrease in the area of winter wheat as compared with that of the preceding crop. Condition of wheat is favorable for nearly three-fourths of an average yield per acre. Where the wheat was not protected by snow during the severe cold weather the plant is generally killed. Farm animals are in good health, with the exception of a few cases of distemper among the horses. Cattle, horses, sheep and hogs

are rather thin in flesh, owing to the scarcity of grain and the long cold winter. There is some complaint of loss of lambs, and that the dogs have damaged several flocks of sheep. The season ts backward, and prospects are not as cheering as last spring. Farm work is being advaneed as rapidly as the season will permit.

EFFINGHAM—The wheat area is less than that of the preeeding year, and from present prospects will not make mueh over one-third of an average yield per acre. The wheat has been more seriously damaged on prairie land. The early-sown wheat looks some better than the late seeding. With favorable conditions until harvest there will be nearly three-fourths of an average yield per aere of rye. Cattle are in fair eondition, and horses, sheep and hogs are nearly up to an average. With the exception of some eases of hog cholera, farm animals are healtny and doing well. The ground is in good eondition for spring work, and farmers are busy sowing oats. The season is baekward.

FAYETTE—The eondition of wheat has seldom been more promising than the first of last December when the prospeets indicated more than an average yield per acre. The area of wheat is one-fourth less than that of the preeeeding pear The cold dry weather in March was very unfavorable for the growing wheat. The present eondition of wheat does not give encouragement for even half an average yield per aere. Rye looks some better than wheat and with favorable eonditions until harvest will make nearly two-thirds of an average yield per acre. Farm animals are in good seasonable condition, and with the exception of some cases of hog cholera are healthy. The number of eattle on hand is about equal to that of corresponding date last season. The same may be said of horses and sheep. Farm work has been delayed by the cold baekward season and but a limited area of oats has been seeded. The late rain and warm weather will enable farmers to advance farming operations.

FORD—The small area of winter wheat in the county is less than that of the previous seeding. The condition promises about three-fourths of an average yield per aere. Rye looks some better than wheat, but will not make an average yield per aere. The late seeding of rye is less than that of the preceding year. Hogs in some localities have been dying with eholera, otherwise farm animals are healthy and in good seasonable condition. The number of eattle is some less than last season. There has been an inerease in the number of horses during the past year. More attention is paid to sheep breeding than the past few years, and the number of sheep is fully up to the average. The season is backward and there is considerable drifted snow on the ground. Farm work will be advanced as rapidly as the spring will permit.

FRANKLIN—The wheat area seeded last fall was as large as that of the previous year, and early in the winter the condition of the growing crop was up to an average. The crop was badly damaged by the long cold winter and the late freezing and thawing weather. The eondition does not give encouragement for much over half an average yield per acre of wheat. Farm animals are healthy and in fair condition considering the extreme cold and protracted winter. The number of eattle is not quite as large as last season at corresponding date. There is an increase in the number of sheep and a decrease in the number of hogs as compared with same date in 1884. Farm prospects are fair. Farmers have about completed sowing oats and are making preparations to plant a large area of corn.

FULTON—Winter wheat has seldom looked more promising than in the early part of the past winter. The area seeded was nearly as large as that of the previous fall. Wheat has made but little growth this season, owing to the cold dry weather in March, and from present prospects there will be but little over half an average yield per acre. A few warm days and sufficient rain would revive some of the wheat that now looks dead. Rye will make about three-fourths of an average yield per aere with favorable conditions until harvest. Farm animals are in good seasonable condition, and with the exception of a few cases of pink-eye and distemper among horses, live stock is healthy. The ground is not yet free from frost, but many farmers are plowing and sowing oats and spring wheat. The ground is dry and mellow.

GALLATIN—Wheat has seldom looked better than at the beginning of the cold weather of the winter, when the condition assured an average yield per acre. On high and well drained land wheat begins to look green; on the low wet lands wheat is nearly all winter killed. There will be but little over half an average yield per aere of wheat unless there is marked improvement in the eondition. In some loealities there has been some fatal cases among horses, resulting from distemper. There has been an unusual loss of pigs from eholera in some portions of the county. Cattle and sheep are in good seasonable condition, and horses and hogs are nearly up to an average. Ground breaks up mellow and is in good condition for plowing and seeding. The cold backward spring has delayed farm work this season.

GREENE—There was a slight decrease in the late seeding of winter wheat as compared with that of the preeeding year. Wheat went into the winter in exeellent eondition. The wheat looked well until the middle of December, when the snow went off and left the wheat exposed to the extreme cold weather. The condition of wheat gives encouragement for less than one-half an average yield per aere. Rye reeeives but little attention in the county. Farm animals are in excellent condition for the season and there is no complaints of disease. There was considerable loss from so-called hog eholera early in the winter. The ground is mellow and in good eondition for plowing and planting. There will be an unusually large area of eorn planted this spring.

GRUNDY—The area of winter wheat in the county is usually quite small and the late seeding is less than that of the preceding year. Rye with favorable eonditions until harvest will make nearly an average yield per acre. The area of the growing crop is about the same as that of the preceding year. Farm animals are healthy and nearly up to an average eondition for the season. Hogs have been affected with eholera, and considerable loss has been sustained by the disease in eertain loealities. But limited attention is given to sheep husbandry in the

county. There is considerable drifted snow in the fields. Prospects are not encouraging for an early spring.

HAMILTON—The area seeded to winter wheat last fall is some larger than that of the preceding year. Early in the winter the condition of wheat was much above the average. A large portion of the wheat in some localities has been frozen out and will be plowed up. The April condition indicates less than half an average yield per acre. Farm animals are generally healthy and in seasonable condition. Cattle are in demand and the number on hand is about the same as last season at corresponding date. In some portions of the country there has been considerable complaint of distemper among the horses. Sheep have not proved very profitable of late and the number of flocks has been decreased the past year. Farm prospects are not encouraging owing to the poor condition of wheat and clover.

HANCOCK—The condition of wheat early in the winter was above the average in condition and the late seeding was larger than that of the preceeding year. The cold dry weather in March seriously injured wheat in portions of the county, and until the spring rains and warm weather have had effect on the plant it will be difficult to determine the extent of the damage. The present prospects give hope for more than three-fourths of an average yield per acre of wheat. Rye is nearly up to an average in condition, and the area is nearly as large as that of the late harvest. Farm animals are in fair condition considering the long severe winter, and there are but few complaints of disease. The number of cattle on hand is some less than last season. There have been more cases of distemper than usual. Spring work is backward considering the cold protracted weather.

HARDIN—The area of wheat is about the same as that harvested last season. At the opening of winter, wheat was up to an average in condition. The extreme cold protracted winter and absence of snow has been very trying on wheat, which from present prospects will make but little over half an average yield yer acre. Rye is nearly up to an average in condition; the area is quite limited. The condition of farm animals is good considering the cold protracted winter. The number of cattle on hand is about the same as at corresponding date last season. But little attention is paid to sheep breeding in the county and the number on hand is less than at last spring. The season is backward and but little spring work has been done.

HENDERSON—The area of wheat is not as large as that of the preceding year, and from present prospects there will not be over three-fourths of an average yield per acre. Rye looks better than wheat, and with favorable conditions until harvest, will make nearly an average yield per acre. There has been considerable complaint of loss of hogs by cholera in some portions of the county. Other farm animals are healthy and nearly up to an average in condition. The number of feeding cattle is less than last spring. Horses in certain localities have been troubled with distemper. The season is backward and but little spring work has been done. There is still considerable frost in the ground. Some farmers have sown oats on fall plowed ground.

HENRY—The limited area of land seeded to winter wheat in the county was up to an average in condition at the beginning of the winter. The present condition of wheat gives encouragement for about three-fourths of an average yield per acre. Rye looks some better than wheat, but will not make much over three-fourths of an average yield per acre. Cattle and hogs are nearly up to average in condition. Horses and sheep are in fair condition. Farm animals are generally healthy, and with the exception of hogs, the number compares favorably with that of corresponding date last season. Spring work has been delayed by the cold protracted weather. The snow drifts have nearly disappeared.

IROQUOIS—The area of the late seeding of winter wheat is less than that of the previous limited area. The wheat was badly winter-killed, and from present prospects will not make much over one-third of an average yield per acre. Rye looks much better than wheat, and with favorable conditions until harvest, will make nearly three-fourths of an average yield per acre. Farm animals are in fair condition. Horses have suffered to a considerable extent with distemper; otherwise stock is healthy and doing well. The season is backward and but little spring work has been done. Preparations are being made for a large planting of corn. The ground pulverizes well, but would be benefited by a warm rain.

JACKSON—The prospects are not encouraging for even two-thirds of an average yield per acre of winter wheat. The crop was much below an average in condition early in the winter, and the extreme cold weather killed a portion of the crop to such an extent that the land will be plowed and seeded to other crops. The area of rye is quite limited, and there will not be three-fourths of an average yield per acre. Farm animals are up to an average in condition, and are doing well, considering the long, cold winter. There have, during the winter, been more complaints than usual of distemper and pink eye among horses, and cholera among hogs. The season has been backward and the ground cold and dry. Some farmers have finished seeding oats and are advancing spring work as rapidly as the weather permits.

JASPER—There will not be over half an area of winter wheat, and a very considerable portion of the wheat land will be plowed up and the land seeded to other crops. The area of the late seeding was much less than that of the previous year. Rye will make nearly three-fourths of an average yield per acre. The area of rye is quite limited, but some larger than that of the previous year. The early seeding of wheat and rye is in better condition than the late seeding. Horses and cattle are in good condition. Sheep and hogs are not up to an average in condition. There have been the usual number of cases of distemper among horses, and hogs have not been exempt from so-called hog cholera. Frost is nearly out of the ground, and farmers are engaged in sowing oats and making preparations for planting a large area of corn. Grass has not made the usual growth, and there is a scarcity of food for stock in portions of the county.

JEFFERSON—The late seeding of winter wheat was much less than that of the preceding year. The crop, at the beginning of the

winter, was up to an average in condition. The wheat was seriously damaged by the dry, cold weather in March, and from present prospects, will not make much over two-thirds of an average yield per acre. There is but a limited area of rye, which, with favorable conditions until harvest, will make nearly three-fourths of an average yield per acre. There have been some complaints of loss of hogs from cholera, and lambs are not as vigorous as usual. Otherwise farm animals are healthy and in good, seasonable condition. The supply of forage and grain for stock has been quite limited, and farm animals in general show the effect of short crops. The ground is in good condition, and plowing is being rapidly advanced for spring seeding. There will be more oats sown than usual on account of the damage sustained by wheat.

JERSEY—Wheat has seldom promised better than at the beginning of the winter, and was some larger than that of the previous seeding. The cold, dry season has not been favorable for the growth of wheat, and the extent of the damage cannot be definitely determined. The present condition does not give encouragement for one-third of an average yield per acre. Cattle are not quite up to an average in condition. Other farm stock have done well, considering the cold, protracted winter. The season is backward, and there is still considerable frost in the ground. There is a feeling quite prevalent among farmers that, unless there is some change in the methods in farming, or an improvement in prices, there will be serious embarassment among the farmers.

JoDAVIESS—The area of winter wheat is quite limited, and from present prospects there will not be much more than an average yield per acre. Rye has wintered much better than wheat and will make more than three-fourths of an average yield per acre. There is still considerable frost in the ground and wheat and rye may show considerable improvement when favored with warm rains and growing weather. Farm animals are in good, seasonable condition, and with the exception of a few cases of cholera among hogs, are healthy. During the winter there were a few cases of blackleg, or anthrax, among cattle in some localities. The number of horses is fully as large as last season at corresponding date. Heavy horses and finished light horses are in good demand, while horses of average quality are selling low. There is considerable frost in the ground, and the indications are not favorable for an early spring. Farmers are not enthused with the prospects for the season, low prices prevailing for farm products, and the high rate for labor, leave but little margin for profit.

JOHNSON—The area of wheat is much less than the seeding of the previous year. Wheat had not made the usual growth at the beginning of the winter, and suffered severely during the long and cold winter. Wheat has made but little growth this season, and the extent of the damage cannot be definitely determined until the effect of the warm weather and spring rains are seen. At present the condition does not give encouragement for much over half an average yield per acre. The wheat was generally sown late to avoid the Hessian fly, and had made but little growth before the freezing weather, and there was not sufficient snow to afford necessary protection. There have been a few cases of glanders among the horses in some localities; otherwise farm animals are in good, seasonable condition. There is a decrease in the number of cattle as compared with corresponding date in 1884. The number of cattle, sheep and hogs, in some portions of the county, is less than last season. Farmers have commenced sowing oats, and are pushing spring work as rapidly as the season will permit. There will be an unusually large area devoted to corn and oats, on account of the failure of wheat.

KANE—The condition of wheat indicates about three-fourths of an average yield per acre on the limited area seeded last fall. Rye is nearly up to an average in condition. The area devoted to small grain is deserving of but little consideration.

There have been more losses than usual among the hogs in some localities from cholera, otherwise farm animals are in good condition, and there are no complaints of disease. There is an increase in the number of cattle when compared with corresponding date last season; this increase consists principally in heifer calves, which the dairymen of late years find profitable to raise for future use. Horses are in good condition for spring work, which is being advanced as rapidly as the season will permit The frost is nearly out of the ground and most of the snow drifts have disappeared. The ground is very cold and dry, and warm weather and spring rains are needed to start vegetation.

KANKAKEE—The area of wheat is not as large as the seeding of the previous year. Wheat seeded in cornfields is in much better condition than where sown on stubble ground. The wheat has made no growth this season and the extent of the damage cannot be definitely determined. The prospects with favorable conditions until harvest, do not give encouragement for much over three-fourth of an average yield per acre. Rye looks better than wheat, but will not make an average yield per acre. Hogs are not quite up to an average in condition—there have been some complaints in localities of hogs dying with cholera. Cattle are in good seasonable condition, and the number is about the same as last season at corresponding date. There is a slight increase in the number of horses as compared with spring of 1884—condition good considering the cold protracted winter.

The season is backward; there is considerable drifted snow in places sheltered from the sun, and the frost is still in the ground.

KENDALL—Winter wheat looks well, and with favorable conditions until harvest, will make an average yield per acre. The area is quite limited and not as large as heretofore. The area of rye is about the same as that harvested last season. Rye looks well, and will make an average yield per acre. Farm animals are in good average condition for the season, and there are no complaints of disease. There is a slight increase in the number of cattle as compared with corresponding date in 1884. Price of horses is rather low—the supply about the same as last spring. There is still considerable drifted snow, and it will be some time before the frost will be out of the ground sufficiently to enable farmers to commence spring work. Farmers are in good spirits notwithstanding the prevailing low prices of farm products, and will make every possible effort to secure good crops and better prices this season.

KNOX—The wheat area of the country is comparatively small. The late seeding of winter wheat was some larger than that of the previous year. Wheat was above the average in condition at the opening of the winter. There has been no growth of wheat to this date, and the extent of the damage cannot be definitely ascertained. The prevailing opinion among farmers who have examined wheat, is that there may be three-fourths of an average yield per acre. Rye looks more vigorous than wheat, but will not make an average yield per acre. Farm animals are not up to an average in condition. There has been considerable distemper among the horses during the winter, and there have been more complaints of hog cholera in localities than usual.

Farm prospects are far from discouraging; the ground has been covered with snow the great part of the winter. Snow drifts are still to be seen in places sheltered from the sun. There is considerable frost in the ground. Spring work is being as rapidly advanced as the season will permit.

LAKE—Farmers in this county give but little attention to the cultivation of winter wheat. The few pieces of winter wheat that have been examined promise over three-fourth of an average yield per acre. Rye looks better than winter wheat, but will not make an average yield per acre. The snow is fast disappearing, and the most critical period for wheat has not passed. The freezing and thawing weather in March damaged the plant, and until there has been some warm rains and growing weather, the extent of the damage to winter grain cannot be determined. There have been more complaint of distemper among horses than usual, otherwise farm animals are healthy and in fair condition. There is still considerable snow on the ground, which in places has been frozen three feet in depth. The season is backward and but for an unusual amount of fall plowing the seeding of spring crops would be unusually late.

LASALLE—The area of winter wheat in the county is comparatively small. The prospects for wheat have seldom been more encouraging than early in the winter. It is rather early to determine the condition of wheat, as the plant has made no pereeptible growth. The snow has afforded the wheat considerable protection and with favorable conditions until harvest, there will be nearly an average yield per acre of wheat. Rye is nearly up to an average in condition. Farm animals are not up to an average in condition, largely owing to the cold protracted winter. There have been some complaints of distemper and epizootic among horses the past winter. Other farm animals are healthy and in good seasonable condition. The number of cattle on hand is as large as last season at corresponding date, and the quality somewhat improved. The season is unusually late and there is considerable drifted snow to be seen. Farmers are advancing work as rapidly as the season will permit.

LAWRENCE—The prospects are not encouraging for more than half an average yield per acre of winter wheat. The area seeded last fall is much less than that of the previous year. The cold dry March weather has been very trying on wheat. The area of rye is quite limited and the condition about the same as that of wheat. Cattle are rather thin in flesh. Horses, sheep and hogs in seasonable condition. There have been some complaints of loss of hogs by cholera, otherwise farm animals are healthy. The number of cattle and horses in the county is some larger than last season. There is quite a decrease in the number of hogs on hand, compared with April, 1884. The season is backward and farm prospects are not very encouraging. Farmers are advancing work as rapidly as the season will permit. There will be a large increase in the area of corn and oats, owing to the failure of wheat.

LEE—The area devoted to winter wheat and rye in the county is quite limited. The condition indicates over three-fourths of an average yield per acre of wheat and nearly an average yield per acre of rye. Farm animals are generally healthy. Cattle, sheep and hogs are not up to an average in condition. The number of cattle in the county is as large as last season at corresponding date. Horses are in good seasonable condition and many have been shipped to market from this county this season. Farmers are largely engaged in breeding heavy horses, and find the business profitable. There was considerable drifted snow on the ground the first of the month and the frost was nearly all out of the ground. Farmers are busy seeding oats and spring wheat. The ground is cold and dry, and warm rains are greatly needed.

LIVINGSTON—The area of winter wheat in the county is so small as to be worthy of but little consideration. The crop has been favored with snow protection during much of the winter, and from present prospects will make more than three-fourths of an average yield per acre. The condition of rye is about the same as wheat. Area of rye is much less than that of the previous seeding. There were some cases of glanders among horses last fall, and complaints have been made of loss of hogs by cholera, otherwise farm animals are healthy. Farm animals are in fair condition for the season. The attention given to the breeding of heavy horses increases each succeeding year, and breeders are well pleased with their investments in horses. The season is backward and but little spring work has been done.

LOGAN—The area of winter wheat is not as large as that of the previous seeding, and from present prospects there will not be half an average yield per acre. The condition of wheat early in the winter promised more than an average yield per acre. The cold dry weather has been very unfavorable for winter grain. Rye has stood the winter better than wheat and will make two-thirds of an average yield per acre. Farm animals are generally healthy and have wintered well, considering the long cold winter. The number of cattle, horses, sheep and swine is about the same as in April, 1884. There is a very limited amount of feed for stock in portions of the county. There will be an unusually large area of corn and oats this season on account of the partial failure of wheat. The dry cold weather has not been favorable for spring work.

MACON—Wheat early in the winter was up to an average in condition The area is not as large as that of the previous seeding. The severe freezing weather between the heavy snows when the ground was exposed seriously damaged the wheat. The crop suffered most during the cold, dry period in March. The prospects are not encouraging for even one-fourth of an average yield per acre. Rye

has not suffered so severely, and with favorable conditions until harvest will make over three-fourths of an average yield per acre. There have been some cases of glanders among the horses of the county, and the losses resulting from hog cholera have been quite severe in localities. Cattle are rather thin in flesh. Sheep are in good seasonable condition. The severe freezing weather the past winter has put the ground in fine condition for plowing and planting. Spring rains and warm weather are needed to start vegetation. There will be a large area of oats and corn this season.

MACOUPIN—There is a large decrease in the area of winter wheat as compared with the seeding of the preceeding crop. The condition of wheat at the beginning of the winter was up to an average. The growing crop was seriously damaged after the first heavy snow disappeared and before the second snow. The cold, dry weather in March was very trying on wheat which from present prospects will not make much over one-third of an average yield per acre. Rye has received but little damage and with favorable conditions until harvest will make nearly an average yield per acre. There has been considerable loss resulting from cholera among the hogs in certain localities. Horses, cattle and sheep are in fair condition and there are no complaints of disease. The ground pulverizes well and farmers are plowing and seeding to oats. There will be a large area devoted to oats and corn this season on account of the failure of wheat. Pastures and meadows would be benefited by a copious warm rain.

MADISON—The winter wheat prospects are very discouraging and without there is a marked improvement, the yield of wheat will not exceed one-third of an average yield per acre. The late seeding of wheat was much less than that of the late harvest. Rye looks some better than wheat, but will not make half an average yield per acre unless there is a great improvement in the condition. Wheat was covered with snow during the early winter and until January 4. The plant was then green and tender as in the early fall. The mercury soon went down below zero, freezing the life out of the greater part of the crop before it was covered with snow again. Cattle and hogs are thin in flesh. There have been some losses from hog cholera in certain localities. Horses and sheep are in fair condition. The number of horses and cattle is the same as last season at corresponding date. There is not as many sheep and hogs in the country as in April, 1884. The past winter has been extremely cold and protracted, with less precipitation than usual. Farmers are advancing spring work as rapidly as the season will permit.

MARION—The area of winter wheat is some larger than that of the late harvest. Wheat has seldom promised better than early in the winter. The wheat was covered with snow during the extreme cold weather in December and made considerable growth until the cold weather following the thaw in January when the snow disappeared and left the wheat exposed in the extreme weather preceding the snow which fell about the middle of the month. Farm animals are healthy and up to an average in condition. The number of cattle on hand is about the same as last April. There has been a slight increase in the number of horses during the past year. The number of hogs and sheep is not as large as last season at corresponding date. Farmers have but little to sell and are not feeling sanguine about the future. The prevailing low prices for farm products give but little return for labor expended.

MARSHALL—There is an increase in the area of wheat as compared with the late harvest. The attention given to the cultivation of wheat in the county is quite limited. The condition of wheat indicates about three-fourths of an average yield per acre. Rye will not make much over two-thirds of an average yield per acre. Hors s have wintered well, and with the exception of a little distemper in some localities, are healthy and in good condition. Cattle, hogs and sheep are rather thin in flesh for the season of the year. There is an increase in the number of cattle as compared with same date last season. There is more demand for horses this season than usual. Frost is nearly out of the ground, and farmers will soon be making preparations for seeding oats and spring wheat. The season is very backward, and farm operations have been delayed by the cold, dry weather.

MASON—The area of wheat is not quite as large as that of the late harvest. The wheat was generally seeded late to avoid the Hessian fly, and did not make usual growth before the winter. The wheat has been damaged by freezing during the winter, and from present prospects will not make half an average yield per acre. Rye looks much better than wheat, and with favorable conditions until harvest, will make nearly an average yield per acre. Farm animals are nearly up to an average in condition. Cattle where not sheltered are in thin flesh. There is no material change in the number of horses as compared with corresponding date last season. There will be a large area planted in corn. The ground is mellow and in good condition for plowing and planting. The season is backward and farmers are impatient to begin spring work.

MASSAC—The area of the late seeding of wheat is fully one-third less than that of the previous year. The prospect for an average crop is not flattering. The recent "freezing and thawing" weather did great damage, but since the few warm days the latter part of March, the prospect for wheat has improved. The wheat sown in clover ground is in much better condition than that sown in stubble, or corn land. Rye is in about the same condition as wheat, with about the same acreage as last season. Cattle, horses, sheep and hogs are in fair condition. Some complaint of hog cholera, but the disease has not proved as fatal as heretofore.

McDONOUGH—Winter wheat where not injured by the fly, looked fairly well when the snow disappeared. The dry freezing weather and cold winds of March, since disappearance of snow, have greatly injured the prospect. Not more than half of the plants show any life whatever. Rye looks much better than wheat, and will probably make an average crop. Live stock are in better condition than usual, after having passed through a severe winter. No disease of any kind reported. Farmers are sowing oats. The ground is in good condition and the general prospect for getting in spring crops in good order is now flattering. Grass not yet started to grow; pastures will be late.

McHENRY—The area of winter wheat sown in this county, is so small that it is hardly worthy of report. Rye, where sown on prairie soil, is badly damaged by the recent freezing and thawing weather, on timber land it is in much better condition. The condition of live stock is very good, taking into consideration the severity of the past winter and the backwardness of the spring. There is an increase in the number of cattle, horses and hogs, and a very preceptible decrease in that of sheep. Farmers are disposing of their sheep and are turning their attention to cattle and other more profitable stock. Stock of all kinds comparatively free from disease.

McLEAN—The area of winter wheat is some less that of last season. The growing crop suffered greatly by the severe winter, and the prospect is not good for more than one-third of a crop. The month of March was so very cold and dry that vegetation of all kinds was very much retarded. More than the average number of cattle were fed in this county during the past season, but owing to the severity of the winter, they are not in as good flesh as usual. The health of farm animals is reported good. There has been comparatively nothing done in the way of farming. There is still frost in the ground, and snow can be seen in many places where not exposed to the sun. The ground is in good order for all kinds of spring crops.

MENARD—The area of winter wheat is about one-fifth less than that of last season. It is difficult at this time to estimate the damage done to the plant by the unusually severe winter and cold, dry spring. It is safe to say that fully fifty per cent. of the plant is winter-killed. Live stock is generally in better condition than usual. Colts have been afflicted with distemper, and a number have died with it. There is an increase in the number of stock cattle, but that of fat, marketable cattle is not more than 60 per cent. of the usual number on hand. More hogs have been shipped from this county during the past season than for years. No disease worthy of mention among farm animals. Very litte oats sown up to this date.

MERCER—The area of winter wheat sown in this county is so small that it is hardly worthy of mention. Rye has wintered well, and is about up to an average in area. Stock cattle are scarce and below an average in condition. Horses, sheep and hogs all reported at an average in condition, number and health. The spring is very backward, and but little has been done in the way of farming. No rain of consequence, since January 1. The frost is not all out of the ground.

MONROE—Wheat is badly winter-killed, and the weather has been so unfavorable thus far that it cannot be ascertained how much is entirely dead. Rye looks somewhat better than the wheat. Cattle and horses are healthy, but are much thinner in flesh than they should be, considering the abundance of feed. Owing to the unusually close sales there are fewer hogs on hand than usual at this season of the year. No cholera among them. Farmers are preparing to seed a larger acreage to clover, and are plowing up the winter-killed wheat for corn and oats.

MONTGOMERY—The area of winter wheat is not as large as that of last season. The severe freeze in January, after the snow was melted, injured the wheat plant badly; it come out green and healthy and but for the sharp freezing and thawing weather when there was no protection to the plant the present condition would have been up to an average; as it is, the crop is nearly a failure. Many have drilled oats in their wheat lands, and others will plant corn on them. The number, health and condition of cattle, horses, sheep and hogs is fully up to the average. Peaches are not only killed in the bud, but the trees also, in many instances. Farm work is backward. Very little oats sown up to this date.

MORGAN—The area of wheat sown is not nearly as great as usual. The winter was not so hard on the wheat, owing to the protection afforded by the snow, as was the cold dry weather during March. The late dry freezes have injured it very seriously. There is not much rye sown in this county, condition about the same as wheat. Cattle were well wintered. About the usual number on hand. Horses are in good order and are free from disease, except an occasioual case of distemper. Quite a surplus of horses in the hands of farmers. The supply of hogs is short, owing to the prevalence of cholera during the fall and winter. The disease has, however, about abated. Little or no farm work done as yet owing to the backward spring.

MOULTRIE—The area of wheat sown last fall was fully one-third short of that of the previous season. Wheat sown broad-cast suffered more from the extreme winter than that drilled. It is thought that the wheat sown on fallow ground or on stubble, is winter-killed, but that on clover or in standing corn, promises a partial crop. The small area of rye sown looks fine and promises a good crop. About the same number of cattle and horses as usual, and the condition good. There are more young hogs than usual at this season, and they are in good condition and healthy. No oats sown as yet Many farmers will have their ground in order for sowing next week.

OGLE—There was about the usual area of wheat sown. It had a fair appearance last fall, but has scarcely commenced to grow yet this spring The ground was covered with snow throughout the winter, which protected the wheat from the extreme cold. Rye, in acreage, is about up to an average with the past three or four years. Condition good. There is about the same number of cattle, horses and hogs, as usual, and they are in fine condition. There are very few sheep in this county. Condition and health good. There has been nothing done this spring in the way of farming.

PEORIA—The area of wheat sown is about an average. The dry and severe freezing weather since the disappearance of the snow, has made the wheat look dead. There was but little rye sown last fall. The prospect is not flattering for more than half a crop. The health and condition of all farm stock is fully up to an average; number about the same as that of last year, exeepting hogs which are fully 25 per cent. short of an average. Frost not yet out of the ground. Snow can be seen about hedges and fences. Grass lands need rain very much. Farmers have not begun their spring work.

PERRY—The area of wheat and rye is less than that of last season. Wheat has been injured severely, and the outlook at date, is very discouraging. The condition of wheat has not been as bad in 20 years. Very little rye raised in this county. The number of cattle and horses about the same as that of last year, and considering the severity of the winter their condition is very good. Hogs have been greatly troubled with cholera and colds, which have destroyed fully one-half of the stock hogs in the county. Spring is so backward and oat sowing has been so delayed, that the prospect of getting in a large crop is poor.

PIATT—The condition of winter wheat is anything but favorable. Many farmers are plowing up their wheat ground and sowing in oats. The area of wheat sown is about the same as that of the previous seeding. There is the usual number of cattle on hands. Milch cows are scarce, however, and bring good prices. Horses have come through the winter in better condition than usual. Farmers have generally sold off their sheep, owing to the low price of wool. Hogs have been seriously afflicted with cholera, a large number dying. Stock hogs are very scarce, and are not considered profitable property, owing to this disease. Season very backward. A large area oats will be sown in April.

PIKE—Winter wheat is in very poor condition, badly winter-killed. The prospect at this time is not good for a yield sufficient for "bread and seed." That sown among corn looks much better than any other. Very little rye raised in this county excepting for pasturage. Considering the long and severe winter live stock has done remarkably well. There is about the usual number of cattle and horses on hand. No disease of any kind among them. There will be an unusually large oat crop sown this spring, many farmers plowing up their wheat for that purpose. Little or no farm work done as yet.

POPE—There was less wheat sown in this county last fall than for several years past. The condition is not at all flattering for even a half crop. The damage is largely attributed to the "freezing and thawing" weather since the 1st of March. Rye is in tolerably good condition. Farm animals are in fine health, but are a little thin in flesh. There is about the usual number of cattle, horses and sheep on hand, but few hogs, owing to the ravages of cholera. Farm work is very much behind. The weather has been unfavorable for outdoor work.

PULASKI—There is a greatly reduced area of wheat sown in this county, and its condition was never worse at this season of the year. An examination shows that fully one-third of the wheat is winter-killed. Rye is not raised in this county in sufficient quantities to make it an item worthy of mention. There is about the average number of cattle, horses and sheep on hand, and their general condition is good. Farmers are generally up with their work. Oats sowed, potatoes and some other vegetables planted. The ground is as yet too cold for corn planting.

PUTNAM—There is a reduced area of wheat sown as compared with last season. The condition of wheat and rye is not as bad as was expected during the winter. A careful examination shows that the germ or roots are alive, and with the warm rains and growing weather, wheat and rye will not fall much below an average. With the exception of hogs, farm animals are in fair condition and health. Cholera or lung disease has been very fatal among young hogs and pigs. Farmers are behind with their work. The frost is not out of the ground.

RANDOLPH—Wheat has hardly made a start to grow. The top is killed but the roots are all right, excepting in places where the snow was blown off by the wind and left the plant exposed to the extreme cold. The fly injured the early wheat some but not to any serious extent. Live stock stood the winter much better than was expected; a little thin in flesh but are in good health. About the usual number of cattle, horses and sheep. Hogs are scarce, but free from disease. Horses command excellent prices. Several Percheron stallions have been purchased and brought into the county since January 1st. Farm work has hardly been commenced. Fruit trees have been winter-killed.

RICHLAND—Winter wheat has suffered greatly from the extreme cold and continuous drouth during February and March; that on the prairie will prove almost an entire failure. Many farmers are drilling oats on their wheat ground. The wheat sown on timber land looks very well, and will make three-fourths of a crop. There is an increase of cattle over the number on hand April 1, 1884, and their quality is greatly improved. Horses are in good condition, but scarce. Some complaint of distemper. There is an increase in the number of sheep on hand, and their condition is fair. More stock hogs than for several years past, and they are comparatively free from disease. Some oats have been sown, but the greater portion of the crop is yet to be sown.

ROCK ISLAND—There is so little winter wheat raised in this county that it is useless to report it. The very low price of rye for the past few years has had the effect to greatly reduce the area. Many farmers have given up the crop entirely and have turned their attention to other more profitable crops. Rye looks very well, however, and promises to make an average crop. Cattle are thin in flesh, but are healthy. Horses are in excellent health and fair condition. The low price of wool has caused many farmers to dispose of their sheep. No cholera among hogs. The ground is still frozen. Very little farm work done up to this time.

SALINE.—Winter wheat is considerably winter-killed. The weather has been unfavorable, still freezing and thawing. The ground is covered with snow at this time (March 28). The late sown wheat is the most damaged. The area is not nearly as large as last season. There is a large amount of old wheat on hand in this county. Cattle and horses are fair condition and health. Sheep are not looking well. There is not more than 50 per cent. of the usual number of hogs on hand. No oats sown up to date, April 1st, and very little plowing has been done.

SANGAMON.—There was about the usual area of wheat sown. The growth was very

fine up to December 15th. The present condition is anything but favorable. The winter has been unusually cold and dry. Wheat and rye sown on low land has done much better than that sown on uplands. Rye seems to have stood the winter better than wheat. Cattle are very thin in flesh but are in good health. Horses are in fair health. Hogs have been more or less afflicted with cholera, and many have died. There will be an unusually large area of oats sown and corn planted this season. The snow is still found in drifts at this time, March 30th.

SCHUYLER.—The wheat area of this county is reduced as compared with that of last season. During the fall wheat made an unusually good growth which to a considerable extent prepared it to withstand the extreme cold of the past winter. There is in some portions of the county a great deal of winter killed wheat. The general outlook, however, is good for a two-thirds crop. Live stock have been well fed and have come through the winter in good healthy condition. The number of cattle, horses, sheep and hogs is fully up to an average at this season of the year. No oats sown as yet. Farmers are busy preparing for their spring seeding and are patiently waiting for the frost to leave the ground.

SCOTT.—The condition of wheat was never worse than at present. The late sown is an entire failure. On the bla k prairie lands it is badly winter-killed. The dry cold weather in the month of March was very unfavorable to wheat and rye. There is a reduced area of both wheat and rye. It is difficult to make any intelligent estimate of the probable yield at this date. Many farmers are plowing up their wheat ground for corn. Cattle are in poor condition especially when they have not been sheltered. Horses are in better condition than usual. The number of sheep is about the average and their condition fair. Cholera prevails to some extent among hogs, and there has been great mortality among young shoats and pigs. The soil is in fine condition for plowing. Farmers are sowing more oats than usual.

SHELBY.—Winter wheat has made little or no progress since the snow disappeared and it is almost imposible to make an intelligent estimate of its condition. There is a large per cent. of it winter-killed and it will take a warm rain and growing weather to fully develope the damage. Very little rye sown in this county. Live stock of all kinds is in good condition. Farmers are improving their stock by introducing all the better breeds of horses, cattle and sheep, as well as by providing shelter for them. The ground is in splendid condition, and more oats is being sown than usual. Farm animals are free from disease excepting hogs. The cholera has killed a great many young hogs and the disease prevails in some portions of the county.

STARK—Winter wheat in this county seems to be coming from under the snow in good condition. There is about the usual acreage of both wheat and rye. Wheat is not very extensively raised in this county. Live stock of all kinds are in better condition than if the winter had been less severe and unusually wet and muddy. A large number of horses have been shipped from this county to eastern markets. Hogs are plenty, and free from disease. The cold dry spring has greatly retarded farm work. Very little plowing has been done up to date.

ST. CLAIR—The wheat crop was almost totally destroyed in this county by the extreme cold, dry weather. Thousands of acres are winter-killed, and farmers are busy plowing their wheat under and preparing the ground for oats and corn, which will greatly reduce the already diminished acreage of wheat sown as compared with that of last season. More care and attention have been given to live stock this winter, than ever before, owing to the severity of the winter, and the effect is that stock of all kinds is in better condition than usual. Farm work is very much behind. There was a light fall of snow last night (March 31). The frost is not yet out of the ground.

STEPHENSON—The area of winter wheat is nearly the same, as that of last year. The frost has not as yet left the ground, and it is impossible to give any correct estimate of the winter-killed wheat until there is a rain and a few days of warm weather. The damage is not great, however, as an examination of the wheat roots show that there is life in them. Cattle are thin in flesh, but in good health. Horses are in fair condition, with some complaint of distemper. Sheep and hogs are in good health and condition. No farm work done as yet. The frost is still in the ground.

TAZEWELL—The early wheat made good growth during the fall and stood the winter very well, but fully half the late sowing is winter-killed. Many farmers will plow up the wheat ground and sow in oats. Very little rye raised in this county. Live stock is in fair condition and health. The ground is dry and in fine condition for seeding. Farmers are anxiously looking to the coming crops hoping for greater profits than last season. The wheat and rye crop bids fair to be unprofitable. There will be a large increase in the area of oats and corn crops, resulting from the partial failure of the wheat.

UNION—Wheat has been badly winter-killed. The drilled wheat is in far better condition than that sown broadcast. The late suffered more than the early sowing. The prospect is not good for more than three-fourths of an average crop. Rye is not grown in this county to any extent worthy of mention. Farmers had plenty of feed and the winter, though extremely cold, was dry, and live stock are in much better condition than usual at this season of the year. But little has been done in the way of spring work as yet. Farm animals are free from disease.

VERMILION—The area of winter wheat is not up to the average. The wheat in this county was nearly all drilled and stood the extreme cold and drouth much better than that sown broadcast. The prospect at this time is not good for more than a half crop. Much of the wheat will be plowed up and the ground put in corn. Rye looks considerably better than wheat. The area of rye is much less than an average. There is an average number of cattle and horses, and their condition is healthy and good. There is a decrease in the number of hogs and sheep. In some localities cholera killed off

nearly 50 per cent. of the hogs. The cold, unseasonable spring has made the wheat and pasturage backward.

WABASH—There was not as much wheat sown last fall as usual. It is too early in the season to determine the extent of the damage done the growing crop by the cold and drouth. The plant is very brown and dead on top but the roots seem to have life in them. The prospect is not good for more than two-thirds of an average. Where the wheat was sown on bottom lands and overflowed it is an entire failure, and will be plowed up and planted in corn. Cattle are in very good condition, There is some distemper among horses, and very little demand for them excepting for farm or home use. There has been a great loss of lambs this spring owing to the poor condition of the ewes. Some plowing has been done for oats. No potatoes planted yet. The frost is not all out of the ground.

WARREN—There was a greatly reduced area of wheat sown last fall, and owing to the cold, backward spring the plant shows but little signs of life. a good warm rain is needed very much, and until there is rain and some growing weather it will be impossible to estimate the prospect for an average crop. This is not a wheat county. Rye is looking fairly well. The area is less than usual. No rain for past 90 days worthy of mention. This has been the hardest winter on cattle for years, even when well fed and sheltered they look worn and thin in flesh. Horses are in a better condition than usual. Cholera has been raging very generally over the county and killed a large number of young hogs. No spring work up to date.

WASHINGTON—The area of wheat sown last fall is much less than an average. There was some complaint of the fly during the fall. Wheat looks tolerably well, and bids fair for three-fourths of an average crop; it was injured more during the month of March by the unseasonable weather than during the entire winter. Rye is not raised to any extent in this county. The scarcity of feed can be plainly seen in the condition of live stock of all kinds. The health of farm animals is very good. No cholera among hogs. Farmers are preparing for a large oat crop.

WAYNE—The cold, dry weather during the month of March has resulted in great injury to wheat. The continued freezing and thawing has killed fully one-third of the plants. On the prairie the crop will be almost an entire failure. Wheat was generally sown late to avoid the ravages of the Hessian fly, and did not get a good growth before winter set in. Cattle have been better fed than usual, hay and fodder being plenty and prices low. Horses are scarce, but in good condition and health. Very little cholera among hogs; generally in good condition. No plowing done. Grass has not made a start to grow, and farm work is more backward than usual.

WHITE—Owing to the low price of wheat there is a diminished area in this county this season, and the condition is anything but favorable. There is a great deal of it winter-killed. The continued unfavorable weather during March, has kept the wheat from growing, and it is difficult to put any correct estimate on the damage done. Cattle, horses, hogs and sheep are about up to an average, in number, health and condition. Some complaint of cholera among hogs. Farmers are about done sowing oats and are ploughing for corn. The ground is breaking up in fine condition, and there will be an effort made for a big corn crop.

WHITESIDE—There is very little winter wheat sown in this county. A few farmers raise it in small quantities. The best results are obtained on clay lands. Rye is very extensively raised and is looking unusually well. Hand sowing is preferable to drilled. Cattle and horses are in better health and condition than usual. The sheep of this county have been sold off to a very great extent. Hogs are about an average in number and condition. In some localities cholera prevails among them in a mild form.

WILL—There is so little winter wheat and rye raised in this county that it is hardly worthy of report. Cattle are about up to an average in number. Fodder scarce. Cattle thin but healthy. Horses are looking remarkably well and are in great demand at good prices. Very few hogs remaining in this county. Some plowing done. The frost is still in the ground. A good rain is needed to put the ground in good order for oat sowing.

WILLIAMSON—The area of wheat is not as large as that of last season and the condition of the crop does not give promise for more than half an average yield per acre. The spring is backward, and until the plant has made some growth there can be no correct estimate as to the damage done wheat by the unfavorable winter. Live stock is looking well, with about the average number on hand. The ground is in exceptionally fine condition for breaking. There be an increased area of corn and tobacco planted this spring.

WINNEBAGO—The area of winter wheat and rye is about an average for this county, and the outlook is not encouraging for more than a half crop. The winter has been one of unusual severity, and little or no rain since December. The ground is still frozen and very little life is seen in vegetation. More feed has been consumed this winter than usual by cattle and horses. Their condition is good. Many horses have been shipped to eastern markets during the winter, and have brought good prices. Hogs are plenty and in good health and condition. No spring work done yet.

WOODFORD—The unfavorable weather the past two weeks has seriously damaged the winter wheat. There has been freezing and thawing and a continuous drouth since the middle of March, which has greatly injured the wheat. Rye has stood the winter much better than wheat, and will, with favorable weather, make more than half a crop. Cattle are thin but healthy. There is some complaint of distemper among among horses; otherwise they are in good condition. Sheep have been sold off very closely and are not considered profitable stock. Cholera has reduced the number of hogs below the average. Nothing done in the way of farm work. Frost still in the ground.

REPORT BY COUNTIES

OF THE

Crop, Live Stock and Other Statistics,

FOR 1884.

ADAMS COUNTY.

Corn, acres, 80,663; yield, 2,661,879 bushels; value, $745,326. Hay, acres meadow, 35,540; yield, 53,310 tons; value, $293,205. Winter wheat, acres, 80,159; yield, 1,202,385 tons; value, $985,956. Oats, acres, 31,854: yield, 1,083,036 bushels; value, $270,759. Irish potatoes, acres; 1,647; yield, 251,991 bushels; value, $88,197. Rye, acres, 1,198; yield, 14,376 bushels; value, $7,475. Spring wheat, acres, 61: yield, 976 bushels; value, $751. Broom corn, acres, 4; yield, 2 tons; value, $152. Barley, acres, 5; yield, 130 bushels; value, $74. Sorghum, acres, 564; yield, 78,960 gallons; value, $39,480. Sweet potatoes, acres, 295; yield, 47,790 bushels; value, $35,842. Buckwheat, acres, 22; yield, 220; value, $165. Timothy seed, bushels, 1,076: value, $1,722. Clover seed, bushels, 5,387; value, $24,341. Beans, acres, 21; yield, 274 bushels; value, $546.

Average yield per acre crops past nine years: Corn, 31 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 15.1769; winter wheat, 15.1815. Spring wheat, .0115; oats, 6.0329; Rye, .2269; pastures, 10.2213; meadows, 6.7310; Irish potatoes, .3119; orchards, 1.1069; other crops and uncultivated land, 44.8992.

Wheat annually consumed, 236,592 bushels; used for seed annually, 106,960 bushels; surplus, 859,809 bushels.

Fruit Crop, 1884—Apples, 65,163 bushels; value, $26,065. Peaches, 7 bushels, value, $13. Vineyards: 2,448 pounds grapes; value, $73.

Dairy Products, 1884—Gallons milk sold, 34,565; value, $2,765. Cream sold, gallons, 4,690; value, $338. Butter, pounds sold, 179,419; value, $32,295. Cheese, pounds sold, 4,020; value, $322.

Animal Products—Fat cattle, number sold, 5,512; gross weight, 6,614,400 pounds; value, $324,106. Fat hogs, number sold, 40,589; gross weight, 9,051,347 pounds; value, $407,311. Fat sheep, number sold, 3,178; gross weight, 349,580 pounds; value, $11,361. Wool, pounds, 71,551; value, $14,310.

Live Stock, May, 1884—Number horses, 12,208; foals, 1883, 899; number cattle, 23,965; number hogs, 48,903; number sheep, 14,445. Distribution of stock, number to each square mile; Horses, 15; cattle, 29; hogs, 59; sheep, 17.

Miscellaneous—Number feet drain tile laid to January 1, 1884, 108,300; number farms, 3,880, 4,026; average size farms, 131 acres; average value land per acre, 1884, $29.76; taxation per acre, $0.70; value farm products per acre, $6.76; value animal products per acre, $1.50; road and bridge tax, $39,743.

ALEXANDER COUNTY.

Corn, acres, 6,416; yield, 179,648 bushels; value, $66,470. Hay, acres meadow, 1,135, yield, 1,270 tons; value, $26,445. Winter wheat, acres, 11,463; yield, 149,019 bushels; value $111,764. Oats, acres, 514; yield, 20,560 bushels; value, $7,607. Irish potatoes, acres, 199; yield, 21,890 bushels; value, $8,099. Rye, acres, 33; yield, 495 bushels; value, $257. Spring wheat, acres, 7; yield, 272 bushels; value, $209. Sorghum, acres, 46: yield, 5,842 gallons; value, $2,161. Sweet potatoes, acres, 6; yield, 420 bushels; value, $189.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, 14 bushels.

Per cent of area to total acreage in county in 1884: Corn, 5.5661; winter wheat, 9.9446; spring wheat, .0147; oats, .4459; rye, .0286; pastures, .0119; meadows, .9846; Irish potatoes, .1726; orchards, .3756; other crops and uncultivated lands, 82.4554.

Wheat annually consumed, 59,236 bushels; used for seed annually, 15,307 bushels; surplus, 74,748 bushels.

FRUIT CROP, 1884.—Apples, 1,800 bushels; value, $1,800. Peaches, 14 bushels: value, $25. Vineyards, 23 pounds grapes; value, $1.

DAIRY PRODUCTS, 1884—Butter, pounds sold, 2,989; value, $598.

ANIMAL PRODUCTS.—Fat cattle, number sold, 510; gross weight, 280,500 pounds; value, $10,519. Fat hogs, number sold, 3,439; gross weight, 515,850 pounds; value, $25,792. Fat sheep, number sold, 147; gross weight, 17, 346 pounds; value, $520. Wool, pounds, 1,037; value, $290.

LIVE STOCK, May, 1884—Number horses, 1,138; foals, 1883, 236; number cattle, 2,216; number hogs, 4,143; number sheep, 668. Distribution of stock, number to each square mile: Horses, 6; cattle, 12: hogs, 23; sheep. 4.

MISCELLANEOUS—Number farms, 1880, 711; average size farms, 152 acres; average value lands per acre, 1884, $6.52; taxation per acre, $0.78; value farm products per acre, $2.45; value animal products per acre, $0.33.

BOND COUNTY.

Corn, acres, 45,241; yield, 950,061 bushels; value, $237,515. Hay, acres meadow, 12,262; yield, 21,458 tons; value, $107,290. Winter wheat, acres, 39,570; yield, 356,130 bushels; value, $270,659. Oats, acres, 19,619; yield, 568,951 bushels; value, $142,238. Irish potatoes, acres, 578; yield, 46,240 bushels; value, $19,421. Rye, acres, 720; yield, 7,200 bushels; value, $4,320. Spring wheat, acres, 15; yield, 240 bushels; value, $185. Broom corn, acres, 41; yield, 2 tons; value, $120. Sorghum, acres, 207; yield, 18,630 gallons; value, $8,756. Sweet potatoes, acres, 15; yield, 375 bushels; value, $251. Tobacco, acres, 3; yield, 2,133 pounds; value, $235. Buckwheat, acres, 8; yield 40 bushels; value, $27. Timothy seed, bushels, 171; value, $231. Clover seed, bushels, 3; value, $13. Beans, acres, 15; yield, 165 bushels; value, $247.

Average yield per acre crops past nine years: Corn, 22 bushels; Wheat, 14 bushels.

Per cent of area to total acreage in county in 1884: Corn, 17.9306; winter wheat, 15.6830; spring wheat, .0059; oats, 7 7759; rye, .2854; pastures, 10.7962; meadows, 4 8599; Irish potatoes, .2291; orchards, 1.1795; other crops and uncultivated land, 41.2547.

Wheat annually consumed, 59,492 bushels; used for seed annually, 52,780 bushels; surplus, 244,098 bushels.

FRUIT CROP, 1884—Apples, bushels, 92,285; value, $33,223. Vineyards: Gallons wine, 96; value, $48. Pounds grapes, 112; value, $6.

DAIRY PRODUCTS, 1884—Gallons milk sold, 87,368; value, $22,716. Cream, gallons sold, 215; value, $101. Butter, pounds sold, 83,381; value, $12,507. Cheese, pounds sold, 1,245; value, $212.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,636; gross weight, 1,205,732 pounds; value, $46,421. Fat hogs, number sold, 9,915; gross weight, 2,042,490 pounds; value, $83,742. Fat sheep, number sold, 2,254; gross weight, 196,098 pounds; value, $6,373. Wool, pounds, 35,193; value, $7,390.

LIVE STOCK, MAY, 1884—Number horses, 5,438. Foals, 1883, 677. Number cattle, 7,114. Number hogs, 11,946. Number sheep, 10,247. Distribution of stock, number to each square mile: Horses, 14; cattle, 18; hogs, 30; sheep, 26.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 1,440; number farms, 1880, 1,903; average size farms, 132 acres; average value lands per acre, 1884, $18.62; taxation per acre, $0.31; value farm products per acre, $4.27; value animal products per acre, $0.71: road and bridge tax, $4,456.

BOONE COUNTY.

Corn, acres, 32,076; yield, 1,218,888 bushels; value, $365,666. Hay, acres meadow, 27,690; yield, 48,457 tons; value, $218,056. Winter wheat, acres, 615; yield, 15,375 bushels; value, $12,300. Oats, acres, 28,913; yield, 1,358,911 bushels; value, $366,906. Irish potatoes, acres, 820; yield, 82,000 bushels; value, $31,160. Rye, acres, 1,965; yield, 49,125; value, $25,545. Spring wheat, 1,041; yield, 18,738 bushels; value, $14,428. Broom corn, acres, 140; yield, 52 tons; value, $5,200. Barley, acres, 1,066; yield, 31,980 bushels; value, $15,990. Tobacco, acres, 1; yield, 711 pounds; value, $78. Flax, acres, 19; yield, 171 bushels seed; value, $222. Buckwheat, acres, 116; yield, 2,320; value, $1,392. Timothy seed, bushels, 3,120; value, $3,588. Clover seed, bushels, 1,958; value, $8,126. Beans, acres, 15; yield, 195 bushels; value, $214.

Average yield per acre crops past nine years: Corn, 33 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 23.6318; winter wheat, .3454; spring wheat, .5849; oats, 16.2389; rye, 1.1036; pastures, 29.0787; meadows, 15.5520; Irish potatoes, .4605; orchards, .9368; other crops and uncultivated land, 12.0674.

Wheat annually consumed, 46,108; used for seed annually, 2,208 bushels; deficit, 14,203 bushels.

FRUIT CROP, 1884—Apples, bushels, 3,835; value, $2,109.

DAIRY PRODUCTS, 1884—Gallons milk sold, 1,335,733; value, $200,360. Cream, gallons sold, 36,383; value, $8,732. Butter, pounds sold, 1,669,356; value, $434,032. Cheese, pounds sold, 386,112; value, $34,750.

ANIMAL PRODUCTS—Fat cattle, number sold, 4,469; gross weight, 4,692,450 pounds; value, $222,891. Fat hogs, number sold, 14,659; gross weight, 3,913,953 pounds; value, $168,300. Fat sheep, number sold, 1,972; gross weight, 157,760 pounds; value, $5,127; Wool, pounds, 43,718; value, $8,744.

LIVE STOCK, MAY, 1884—Number horses, 6,313; foals, 1883, 690; number cattle, 19,430; number hogs, 17,662; number sheep, 8,964. Distribution of stock, number to each square mile: Horses, 23; cattle, 70; hogs, 63; sheep, 32.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 24,690; number farms, 1880, 1,408; average size farms, 126 acres; average value lands per acre, 1884, 27.80; taxation, per acre, $0.39; value farm products per acre, $13.75; value animal products per acre, $6.08; road and bridge tax, $11,521.

BROWN COUNTY.

Corn, acres, 29,490; yield, 1,032,150 bushels; value, $309,645. Hay, acres, meadow, 13,428; yield, 23,499 tons; value, $14,994. Winter wheat, acres, 2[illegible],384; yield, 438,144 bushels; value, $319,845. Oats, acres, 7,105; yield, 255,780 bushels; value, $51,156. Irish potatoes, acres, 411; yield, 49,320 bushels; value, $19,728. Rye, acres, 651; yield, 10,416 bushels; value, $4,687. Spring wheat, acres, 20; yield, 320 bushels; value, $246. Barley, acres, 5; yield, 130 bushels; value, $74. Sorghum, acres, 200; yield, 16,000 gallons; value, $7,520. Sweet potatoes, acres, 3; yield, 282 bushels; value, $245. Tobacco, acres, 2; yield, 1,422 pounds; value, $156. Buckwheat, acres, 14; yield, 224; value, $152. Timothy seed, bushels, 1,237; value, $1,670. Clover seed, bushels, 703; value, $8,163. Beans, acres, 5; yield, 65, value, $120.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 15.5008; winter wheat, 14.3939; spring wheat, .0105; oats, .3734; rye, .3422; pastures, 14.3981; Irish potatoes, 7.0582; meadows, .2160; orchards, .8956; other crops and uncultivated land, 46.8113.

Wheat annually consumed, 52,176 bushels; used for seed annually, 36,539 bushels; surplus, 349,749 bushels.

FRUIT CROP, 1884—Apples, bushels, 28,844; value, $11,538; Peaches, bushels, 34; value, $61. Vineyards: pounds grapes, 140; value, $4.

DAIRY PRODUCTS, 1884—Gallons milk sold, 3,037; value, $364. Cream, gallons sold, 880; value, $352. Butter, pounds sold, 56,354; value, $11,271. Cheese, pounds sold, 107; value, $21.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,148; gross weight, 2,470,200 pounds; value, $117,334. Fat hogs, number sold, 14,638; gross weight, 3,761,966 pounds; value, $163,645. Fat sheep, number sold, 1,790; gross weight, 155,730 pounds; value, $5,139. Wool, pounds, 39,089; value, $7,427.

LIVE STOCK, MAY, 1884—Number horses, 4,641; foals, 1883, 428; number cattle, 9,340; number hogs, 17,636; number sheep, 8,136. Distribution of stock, number to each square mile: Horses, 16; cattle, 31; hogs, 59; sheep, 27.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 597,525; number farms, 1880, 1,473; average size farms, 129 acres; average value land per acre, 1884, $14.90; taxation per acre, $0.33; value farm products per acre, $6.71; value animal products per acre, $1.61; road and bridge tax, $7,952.

BUREAU COUNTY.

Corn, acres, 151,991; yield, 4,255,748; value, $1,191,609. Hay, acres meadow, 57,110; yield, 99,942 tons; value, $534,690. Winter wheat, acres, 1,103, yield, 19,854 bushels; value, $15,089. Oats, acres, 62,375; yield, 2,485,900 bushels; value, $623,750. Irish potatoes, acres, 1,684; yield, 193,660 bushels; value, $61,971; Rye, acres, 6,688; yield, 133,760 bushels; value, $69,555. Spring wheat, acres, 2,109; yield, 31,635 bushels; value, $24,360. Broom corn, acres, 12; yield, 6 tons; value, $456. Barley, acres, 374; yield, 9,744 bushels; value, $5,554. Sorghum, acres, 91; yield, 8,918 gallons; value, $4,013. Sweet potatoes, acres, 115; yield, 10,810 bushels; value, $7,351. Buckwheat, acres, 13; yield, 208; value, $208. Timothy seed, bushels, 6,580; value, $8,883. Clover seed, bushels, 556; value, $2,224. Beans, acres, 14; yield, 185 bushels; value, $273.

Average yield per acre crops past nine years: Corn, 27 bushels; Wheat 13 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 27.7188; winter wheat, .2011; spring wheat, .3844; oats, 11.3754; rye, 1.2197; pastures, 19.3708; meadows, 10.4152; Irish potatoes, .3071; orchards, .8477; other crops and uncultivated land, 28.1598.

Wheat annually consumed, 132,756 bushels; used for seed annually, 4,283 bushels: deficit, 85,550 bushels.

FRUIT CROP, 1884—Apples, bushels, 60,976; value, $45,732. Vineyards: Gallons wine, 983; value, $1,278; pounds grapes, 3,530; value, $282.

DAIRY Products, 1884—Gallons milk sold, $338,892; value, $33,889. Cream, gallons sold, 23,227; value, $4,878. Butter, pounds sold, 708,058; value, $127,450. Cheese, pounds sold, 52; value, $6.

ANIMAL PRODUCTS—Fat cattle, number sold, 9,426; gross weight, 11,311,200 pounds; value, $537,282. Fat hogs, number sold, 53,038; gross weight, 13,524,690 pounds; value, $655,947. Fat sheep, number sold, 2,172; gross weight, 217,200 pounds; value, $6,516. Wool, pounds, 69,217, value, $9,690.

LIVE STOCK, MAY, 1884—Number horses, 16,997; foals, 1883, 2,116; number cattle, 40,983; number hogs, 63,901; number sheep, 9,872. Distribution of stock, number to each square mile: Horses, 20; cattle, 46; hogs, 74; sheep, 11.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 5,996,186; number farms, 1880, 3,657; average size farms, 149 acres; average value lands per acre, 1884, $26.84; taxation per acre, $0.49; value farm products per acre, $7.90; value animal products per acre, $2.51; road and bridge tax, $68,877.

COAL—Number mines, 18; annual capacity, 88,564 tons; price at mines, $1.59 per ton; number miners, 290; capital employed, $239,700.

CALHOUN COUNTY.

Corn, acres, 15,619; yield, 624,760; bushels, value, $199,923, Hay, acres meadow, 5,803; yield, 8,704; tons, value, $78,336. Winter wheat, acres, 24,835; yield, 397,360 bushels; value, $278,152. Oats, acres, 2,121; yield, 63,630; bushels; value, $15.907. Irish potatoes, acres, 125; yield, 14,375 bushels; value, $4,312. Clover seed, bushels, 111; value, $538.

Average yield per acre crops past nine years: Corn, 32 bushels; Wheat, 18 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 8.5404; winter wheat, 13.5795; oats, 1.1597; pastures, 14,5065; meadows, 3.1730; Irish potatoes, .0683; orchards, 1.4058; other crops and uncultivated land, 57.5667.

Wheat annually consumed, 29,884 bushels; used for seed annually, 33,113 bushels; surplus, 334,363 bushels.

FRUIT CROP, 1884—Apples, bushels, 69,488; value, $19,457. Vineyards; pounds grapes, 1,380; value, $69.

DAIRY PRODUCTS, 1884—Butter, pounds sold, 4,893, value, $881.

ANIMAL PRODUCTS—Fat cattle, number sold, 709; gross weight, 638,100 pounds; value, $31,905. Fat hogs, number sold, 5,670; gross weight, 1,190,700 pounds; value, $58,940. Fat sheep, number sold, 195; gross weight, 19,695 pounds; value, $650. Wool, pounds, 3,796; value, $835.

LIVE STOCK, MAY, 1884—Number horses, 1,861; foals, 1883, 80; number cattle, 3,083; number hogs, 6,831; number sheep, 887. Distribution of stock, number to each square mile: Horses, 6; cattle, 11; hogs, 24; sheep, 3.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 1,700; number farms, 1880, 1,076; average size farms, 154 acres; average value lands per acre, 1884, $6.50; taxation per acre, $0.12; value farm products per acre, $3.84; value animal products per acre, $0.51; road and bridge tax, $1,791.

COAL—Number mines, 1; annual capacity, 160 tons; price at mines, $1.25 per ton; capital employed, $50,000.

CARROLL COUNTY.

Corn, acres, 60,950; yield, 2,316,100 bushels; value, $671,669. Hay, acres, meadow, 33,713; yield, 75,854 tons; value, $303,416. Winter wheat, acres, 2,992; yield, 41,888 bushels; value, $31,835. Oats, acres, 35,766; yield, 1,609,470 bushels; value, $402,367. Irish potatoes, acres, 1,189; yield, 111,766 bushels; value, $46,942. Rye, acres, 47,345; yield, 568,140 bushels; value, $323,840. Spring wheat, acres, 1,407; yield, 22,512 bushels, value, $17,334. Broom corn, acres, 5; yield, 2 tons; value, $152. Barley, acres, 1,680; yield, 43,680 bushels; value, $24,898. Sorghum, acres, 8; yield, 600 gallons: value, $300. Sweet potatoes, acres, 1; yield, 94 bushels; value, $94. Tobacco, acres, 19; yield, 13,509 pounds; value $1,486. Buckwheat, acres, 132; yield, 1,320; value, $792 Timothy seed, bushels, 2,492; value, $3,045. Clover seed, bushels, 978; value, $4,743. Beans, acres, 7; yield, 91 bushels; value, $159.

Average yield per acre crops past nine years: Corn, 33 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 19.9283; winter wheat, .9782. spring wheat, .4568; oats, 11.6941; rye, 15.4800; pastures, 20.2304; meadows, 11.0231; Irish potatoes, .3838; orchards, .5993; other crops and uncultivated land, 19.2210.

Wheat annually consumed 67,940 bushels; used for seed annually, 5,865 bushels; deficit, 9,405 bushels.

FRUIT CROP, 1884—Apples, bushels, 7,125; value, $8,906. Vineyards: gallons wine, 195; value, $253; pounds grapes, 1,987; value $99.

DAIRY PRODUCTS, 1884—Gallons milk sold, 40,686; value, $7,323. Cream, gallons sold, 45,202; value, $13,561. Butter, pounds sold, 327,107; value, $65,421. Cheese, pounds sold, 23,040; value, $3,456.

ANIMAL PRODUCTS—Fat cattle, number sold, 6,743; gross weight, 7,019,463 pounds; value, $350,973. Fat hogs, number sold, 29,340 gross weight, 7,540,380 pounds; value, $358,168. Fat sheep, number sold 686; gross weight, 69,286 pounds; value, $2,286. Wool, pounds, 13,791; value, $1,931.

LIVE STOCK, May, 1884—Number horses, 8,458; foals, 1883, 771; number cattle, 29,319; number hogs, 35,350; number sheep, 3,120. Distribution of stock, number to each square mile: Horses, 17; cattle, 61; hogs, 74; sheep, 6.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 16,350; number farms, 1880, 1,785; average size farms, 161 acres; average value land per acre, 1884, $22.44; taxation, per acre, $0.37; value farm products, per acre, $9.45; value animal products, per acre, $2.62; road and bridge tax, $21,112.

CASS COUNTY.

Corn, acres, 41,292; yield, 1,403,928 bushels; value, $365,021 Hay, acres, meadow, 3,969; yield, 6,946 tons; value, $48,622. Winter wheat, acres, 19,916; yield, 338,572 bushels: value, $257,315. Oats, acres, 9,400; yield, 366,600 bushels; value, $76,986. Irish potatoes, acres, 165; yield, 18,150 bushels; value, $6,897. Rye, acres, 430; yield, 4,300 bushels; value, $2,236. Spring wheat, acres, 158; yield, 2,528 bushels; value, $1,946. Barley, acres, 40; yield, 1,040 bushels; value, $593. Sorghum, acres, 15; yield, 1,305 gallons; value, $679. Sweet potatoes, acres, 4; yield, 289 bushels; value, $274. Buckwheat, acres, 3; yield, 48 bushels; value, $72. Timothy seed, bushels, 104; value, $166.

Average yield per acre crops past nine years: Corn, 32 bushels; Wheat, bushels, 16.

Per cent. of area to total acreage in county in 1884: Corn, 17.1519; winter wheat, 8.2727; spring wheat, .0656; oats, 3.9046; rye, .1787; pastures, 9.5188; meadows, 1.6486; Irish potatoes, .0685; orchards, .3639; other crops and uncultivated land, 58.8268.

Wheat annually consumed, 57,976 bushels; used for seed annually, 26,765 bushels; surplus, 256,359 bushels.

FRUIT CROP, 1884.—Apples, bushels, 14,004; value, $9,243; Peaches, bushels, 7; value, 13; Vineyards, gallons wine, 62; value, $62; pounds grapes, 22; value $1.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 1,020; value, $184; Butter, pounds sold, 16,919; value, $2,876.

ANIMAL PRODUCTS.—Fat cattle, number sold, 2,522; gross weight, 3,278,600 pounds; value, $163,930. Fat hogs, number sold, 13,292; gross weight, 3,163,496 pounds; value $148,684. Fat sheep, number sold, 348; gross weight, 41,760 pounds; value, 1,460. Wool pounds, 7,839; value, $1,411.

LIVE STOCK, MAY, 1884.—Number horses, 4,608; foals, 1883, 371; number cattle, 10,967; number hogs, 16,015; number sheep, 1,582. Distribution of stock, number to each square mile: Horses, 12; cattle 29; hogs, 42; sheep, 4.

MISCELLANEOUS.—Number feet drain tile laid January 1, 1884, 1,831,761; number farms, 1880, 1,382; average size farms, 174 acres; average value lands per acre, 1884, $21.46; taxation per acre, $0.49; value farm products der acre, $4.93; value animal products per acre, $1.32.

COAL.—Number mines, 2; annual capacity, 3,425 tons; price at mines, $1.67 per ton; number miners, 28; capital employed, $22,000.

CHAMPAIGN COUNTY.

Corn, acres, 197,343; yield, 4,933,575 bushels; value, $1,233,394. Hay, acres meadow, 5,880; yield, 76,320 tons; value, $457,920. Winter wheat, acres, 35,458; yield, 531,870 bushels; value, $319,122. Oats, acres, 76,049; yield, 2,661,715 bushels; value, $665,429. Irish potatoes, acres, 3,010; yield, 165,550 bushels; value, $66,220. Rye, acres, 4,043; yield, 80,860 bushels; value, $42,047. Spring wheat, acres, 172; yield, 2,752 bushels; value $2,119. Broom corn, acres, 1,430; yield, 536 tons; value, $26,800. Barley, acres, 2; yield, 52 bushels; value, $30. Sorghum, acres, 203; yield, 25,375 gallons; value, $12,687. Sweet potatoes, acres, 6; yield, 600 bushels; value, $600. Flax, acres, 1,840; yield, 9,200 bushels seed; value, $10,764. Buckwheat, acres, 6; yield, 60; value, $45 Timothy seed, bushels, 6,734; value, $8,417. Clover seed, bushels, 416; value, $1,664. Beans, acres, 4; yield, 60 bushels; value $75.

Average yield per acre crops past nine years: Corn, 28 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 31.2309; winter wheat, 5.6114, spring wheat, .0272; oats, 12.0353; rye, .6398; pastures, 17.1718; meadows, 8.0521; Irish potatoes, .4763; orchards, 1.0503; other crops and uncultivated land, 23.7050.

Wheat annually consumed, 163,476 bushels; used for seed annually, 47,507 bushels; surplus, 323,639 bushels.

FRUIT CROP, 1884—Apples, bushels, 162,571; value, $162,571; Peaches, bushels, 14; value, $25. Vineyards: pounds, grapes, 755; value, $30.

DAIRY PRODUCTS, 1884—Gallons milk sold, 15,660; value, $2,819. Cream, gallons sold, 272; value, $128, Butter, pounds sold, 231,069; value, $27,728. Cheese, pounds sold, 13,046; value, $1,696.

ANIMAL PRODUCTS—Fat cattle, number sold, 6,956; gross weight, 7,651,600 pounds; value; $332,845. Fat hogs, number sold, 43,534; gross weight, 9,577,480 pounds; value, $454,930. Fat sheep, number sold, 2,989; gross weight, 269,010 pounds; value, $8,743. Wool, pounds, 68,412; value, $15,051.

LIVE STOCK, MAY, 1884—Number horses, 17,476; foals 1883, 1,514; number cattle, 30,244; number hogs, 52,451; number sheep, 13,588. Distribution of stock, number to each square mile: Horses, 18; cattle, 31; hogs, 53; sheep, 14.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 8,993,319; number farms, 1880, 5,022; average size farms, 124 acres; average value lands per acre, 1884, $26.12; taxation per acre, $0.51; value farm products per acre, $6.65; value animal products per acre, $1.33; road and bridge tax, $51,694.

CHRISTIAN COUNTY.

Corn, acres, 122.114; yield, 3,541,306 bushels; value, $814,500. Hay, acres meadow, 47,156; yield, 94,312 tons; value, $377,248. Winter wheat, acres, 69,396; yield, 693,960 bushels; value, $499,651. Oats, acres, 25,370; yield, 684,990; value, $123,298. Irish potatoes, acres, 1,261; yield, 141,232 bushels; value, $45,194. Rye, acres, 361; yield, 5,425 bushels; value, $2,816. Spring wheat, acres, 1,746; yield, 27,936 bushels; value, $21,511. Broom corn, acres, 15; yield, 7 tons; value, $532. Barley, acres, 4; yield, 104 bushels; value, $59. Sorghum, acres, 54; yield, 5,400 gallons; value, $2,700. Sweet potatoes, acres, 21; yield, 1,827 bushels; value, $1,443. Tobacco, acres, 1; yield, 711 pounds; value, $78. Buckwheat, acres, 24; yield, 384; value, $261. Timothy seed, bushels, 4,653; value, $5,351. Clover seed, bushels, 121; value, $514. Beans, acres, 9; yield, 117 bushels; value, $175.

Average yield per acre crops past nine years: Corn, 27 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 27.2515; winter wheat, 15.4867; spring wheat, .3896; oats, 5.6617; rye, .0806; pastures, 15.2635; meadows, 10.5456; Irish potatoes, .2814; orchards, 1.0701; other crops and uncultivated land, 22.9693.

Wheat annually consumed, 112,928 bushels; used for seed annually, 94,856 bushels; surplus, 514,112.

FRUIT CROP, 1884—Apples, bushels, 54,263; value, $34,728. Peaches, bushels, 122; value, $220. Vineyards: pounds grapes, 153; value, $9.

DAIRY PRODUCTS, 1884—Gallons milk sold, 30,290; value, $7,572. Cream, gallons sold, 657; value, $394. Butter, pounds sold, 169,276; value, $33,855. Cheese, pounds sold, 8,813; value, $1,057.

ANIMAL PRODUCTS—Fat cattle, number sold, 5,312; gross weight, 6,305,344 pounds; value, $302,656; Fat hogs, number sold, 36,242; gross weight, 7,683,304; value, $349,590. Fat sheep, number sold, 2,945; gross weight, 315,115 pounds; value, $11,344. Wool, pounds, 127,805; value, $25,561.

LIVE STOCK, 1884—Number horses, 12,804; foals, 1883, 1,271; number cattle, 23,098; number hogs, 43,665; number sheep, 13,388. Distribution of stock, number to each square mile: Horses, 18; cattle, 33; hogs, 62; sheep, 19,

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 3,424,363; number farms, 1880, 3,823; average size farms, 117 acres; average value lands per acre, 1884, $24.08; taxation per acre, $0.51; value farm products per acre, $6.66; value animal products per acre, $1.63; road and bridge tax, $28.336.

CLARK COUNTY.

Corn, acres, 41,600, yield, 1,164,800 bushels; value, $326,144. Hay, acres meadow, 22,278; yield, 33,417 tons; value, $130,326. Winter wheat, acres, 36,653; yield, 256 571 bushels; value; $200,125. Oats, acres, 15,111; yield, 453,330 bushels; value, $90,666. Irish potatoes, acres, 545; yield, 57,225 bushels; value, $16,023. Rye, acres 512, yield, 3,584 bushels; value, $2,330. Spring wheat, acres, 49, yield, 784 bushels; value, $604. Broom corn, acres, 41; yield, 51 tons; value, $4,080. Barley, acres, 1; yield, 26 bushels; value, $15. Sorghum, acres, 261; yield, 26,100 gallons; value, $9,135. Sweet pototoes, acres, 5; yield, 275 bushels; value, $151. Tobacco, acres, 1; yield, 1,100 pounds; value, $165. Buckwheat, acres, 285; yield, 3,420; value, $1,607. Timothy seed, bushels, 1,369; value, $1,848. Clover seed, bushels 1,429; value, $5,716. Beans, acres, 203; yield, 3,248 bushels; value, $3,735.

Average yield per acre crops past nine years: Corn, 24 bushels; Wheat 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 12.9144; winter wheat, 11.3786; spring wheat, .0152; oats, 4.6911; rye, .1589; pastures, 8.8454; meadows, 6.9157; Irish potatoes, .1692; orchards, .6022; other crops and uncultivated land, 54.3093.

Wheat annually consumed, 87,600 bushels; used for seed, annually, 48,936 bushels; surplus, 120.819 bushels.

FRUIT CROP, 1884—Apples, bushels, 46,061; value, $26,715. Peaches, bushels, 40; value, $72. Vineyards: pounds grapes, 200; value, $10.

DAIRY PRODUCTS—Gallons milk sold, 199; value, $18. Butter, pounds sold, 109,050; value, $15,267. Cheese, pounds sold, 17,117; value, $1,712.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,804; gross weight, 2,944,200 pounds; value, $108,935. Fat hogs, number sold, 15,943; gross weight, 3,443,688 pounds; value $139,469. Fat sheep, number sold, 2,152; gross weight, 208,744 pounds; value $6,784. Wool, pounds, 32,700; value, $6,540.

LIVE STOCK, MAY, 1884—Number horses, 5,900, foals, 1883, 436; number cattle, 12,192; number hogs, 19,209; number sheep, 9,784. Distribution of stock, number to each square mile: Horses, 12; cattle 24; hogs, 38; sheep, 19.

MISCELLANEOUS--Number of feet drain tile laid to January 1, 1884, 115,521; number farms, 1880, 2,741; average size farms, 117 acres; average value lands per acre, 1884, $13.96; taxation, per acre, $0.42; value farm products per acre, $3.60 value animal products per acre, $0.86; road and bridge tax $16,155.

CLAY COUNTY.

Corn, acres, 32,755; yield, 393,060 bushels; value, $169,016. Hay, acres meadow, 23,374; yield, 29,217 tons; value, $185,528. Winter wheat, acres, 28,728; yield, 172,368 bushels; value, $129,276. Oats, acres, 20,233; yield, 546,291 bushels; value, $109,258. Irish potatoes, acres, 315; yield, 21,105 bushels, value, $10,552. Rye, acres, 262; yield, 3,144 bushels; value, $1,635. Sorghum, acres, 254; yield, 16,510 gallons; value, $7,429. Sweet potatoes, acres, 13; yield, 1,950 bushels; value, $1,462. Tobacco, acres, 10; yield, 7,110 pounds; value $853. Buckwheat, acres, 33; yield, 396, value, $396. Timothy seed, bushels, 4,119; value, $9,886. Clover seed, bushels, 124; value, $496. Beans, acres, 42; yield, 546 bushels; value, $1,010.

Average yield per acre crops past nine years: Corn 16 bushel; Wheat, bushels, 10.

Per cent. of area to total acreage in county in 1884: Corn, 11.5481; winter wheat, 10.1284; oats, 7.1334; rye, .0914; pastures, 7.0032; meadows, 8.2407; Irish potatoes, .1110; orchards, .9202; other crops and uncultivated land, 54.8226.

Wheat annually consumed, 64,780 bushels; used for seed annually, 38,304 bushels; surplus, 69,284.

FRUIT CROP, 1884—Apples, bushels, 46,792; value, $18,717; Peaches, bushels, 152; value, $274; Vineyards, pounds grapes, 6,242; value, $250,

DAIRY PRODUCTS, 1884.—Gallons of milk sold, 60; value, $9; Cream sold, gallons, 39; value, $18; Butter, pounds sold, 33,202, value, $5,644; Cheese, pounds sold, 400; value, $80,

ANIMAL PRODUCTS,—Fat cattle, number sold, 2,397; gross weight, 1,917,600 pounds; value, $67,116; Fat hogs sold, 13,330; gross weight, 2,892,610 pounds, value, $115,704; Fat sheep, number sold, 2,566; gross weight, 256,600 pounds; value, $6,158; Wool, pounds, 48,428; value, $9,686.

LIVE STOCK, MAY, 1884.—Number horses, 5,191; number cattle, 10,424; number hogs 16,060; number sheep, 11,664. Distribution of stock, number to each square mile. Horse 12; cattle, 23, hogs, 36; sheep, 26.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 23,955; number farms, 1880, 2,093; average size farms, 135 acres; average value lands per acre, 1884, $9.28; taxation per acre, $0.26; value farm products per acre, $3.28; value animal products per acre, $0.72; road and bridge tax, $7,407.

CLINTON COTNTY.

Corn, acres, 51,206; yield, 128,150 bushels; value, $384,045. Hay, acres meadow, 12,360; yield, 15,450 tons; value $108,150. Winter wheat, acres, 70,963; yield, 1,064,445 bushels; value, $862,200. Oats, acres, 24,254; yield, 800,382 bushels; value, $200,095. Irish potatoes, acres, 815; yield, 73,350 bushels; value, $27,139. Rye, acres, 122; yield, 1,464 bushels; value, $761. Spring wheat, acres, 2,015; yield, 32,240 bushels; value, $24,825. Sorghum, acres, 15; yield, 1,350 gallons; value, $675. Sweet potatoes, acres 3; yield, 285 bushels; value, $248. Tobacco, acres, 1; yield, 1,200 pounds; value, $132. Buckwheat, acres, 4; yield, 64 bushels; value, $43. Timothy seed, 24 bushels; value, $62. Clover seed, bushels, 452; value, $2,057, Beans, acres, 8; yield, 104 bushels; value $260.

Average yield per acre, crops past nine years: Corn, 21 bushels; Wheat, 14 bushels.

Per cent of area to total acreage in county in 1884: Corn, 16.6372; winter wheat, 23.0564; spring wheat, .6547; oats, 7.8803; rye, .0396; pastures, 7.2899; meadows, 4.0158; Irish potatoes, .2648; orchards, .8282; other crops and uncultivated land, 39.3331.

Wheat annually consumed, 74,872 bushels; used for seed annually, 97,304 bushels; surplus, 924,599 bushels.

FRUIT CROP, 1884—Apples, bushels, 17,134; value, $10,280. Peaches, bushels, 566; value, $1,415. Vineyards: gallons wine, 454; value, $340; pounds grapes, 907; value, $45.

DAIRY PRODUCTS, 1884—Gallons milk sold, 90,785; value, $12,710. Cream, gallons sold, 160; value, $128. Butter, pounds sold, 58,973; value, $12,974. Cheese, pounds sold, 6,280; value, $1,005.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,593; gross weight, 637,200 pounds; value, $31,860. Fat hogs, number sold, 9,298; gross weight, 1,673,640 pounds; value, $75,314. Fat sheep, number sold, 1,516; gross weight, 153,116 pounds; value, $6,890. Wool, pounds, 32,013; value, $9,604.

LIVE STOCK, MAY, 1884—Number horses, 5,044; foals, 1883, 526; number cattle, 6,927; number hogs, 11,204; number sheep, 6,893. Distribution of stock, number to each square mile: Horses, 10; cattle, 14; hogs, 23; sheep, 14.

MILCELLANEOUS—Number feet drain tile to January 1, 1884, 1,000; number farms, 1880, 2,159; average size farms, 142 acres; average value lands per acre, 1884, $16.74; taxation per acre, $0.31; value farm products per acre $6.39; value animal products per acre, $0.49; road and bridge tax, $17,439.

COAL—Number mines, 2; annual capacity, 61,389 tons; price at mines, $1.19 per ton; number miners, 114; capital employed, $67,500.

COLES COUNTY.

Corn, acres, 54,222; yield, 1,247,106 bushels; value, $336,719. Hay, acres meadow, 22,527; yield, 33,790 tons; value, $130,091 Winter wheat, acres, 26,005; yield, 286,055 bushels; value, $194,517. Oats, acres, 14,126; yield, 395,528 bushels; value, $90,971. Irish potatoes, acres, 714; yield, 43,554 bushels; value, $18,293. Rye, acres, 460; yield, 5,060; value, $3,036. Spring wheat, acres, 64; yield, 1,024 bushels; value, $788. Broom corn, acres, 9,162; yield, 3,436 tons; value, $274,880. Barley, acres, 8; yield, 208 bushels; value, $118. Sorghum, acres, 215; yield, 16,555 gallons; value, 6,953. Sweet potatoes, acres, 8; yield, 600 bushels; value, $702. Tobacco, acres, 7; yield, 700 pounds; value, $105. Buckwheat, acres, 3; yield, 39; value, $24. Timothy seed, bushels, 1,302; value, $2,083. Clover seed, bushels, 578; value, $3,034; Beans, acres, 6; yield, 72 bushels; value, $108.

Average yield per acre crops past nine years: Corn, 26 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 16.8486: winter wheat, 8.0806; spring wheat, .0199; oats, 4.3894; rye, .1428; pastures, 13.2009; meadows, 6.9899; Irish potatoes, .2219; orchards, .7287; other crops and uncultivated land, 49.3672.

Wheat annually consumed, 108,220 bushels; used for seed annually, 34,759 bushels; surplus, 144,100 bushels.

FRUIT CROP, 1884—Apples, bushels, 75,307; value, $47,443. Vineyards: pounds grapes, 990; value, $49.

DAIRY PRODUCTS, 1884—Gallons milk sold, 17,160; value, $3,604. Cream, gallons sold, 55; value, $22. Butter, pounds sold, 108,377; value, $18,424. Cheese, pounds sold, 100; value, $14.

ANIMAL PRODUCTS—Fat cattle, number sold, 4,824; gross weight, 5,740,560 pounds; value, $275,547. Fat hogs, number sold, 26,382; gross weight, 6,067,860 pounds; value, $279,121. Fat sheep, number sold, 2,061; gross weight, 189,612 pounds; value, $5,404. Wool, pounds, 35,399; value, $9,558.

LIVE STOCK, MAY, 1884—Number horses, 9,670; foals, 1883, 767; number cattle, 20,975; number hogs, 31,786; number sheep, 9,369. Distribution of stock, number to each square mile: Horses, 19; cattle, 42; hogs, 63; sheep, 19.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 3,750,444; number farms, 1880, 2,976; average size farms, 108 acres; average value lands per acre, 1884, $25.10; taxation per acre, $0.59; value farm products per acre, $5.67; value animal products per acre, $1.84; road and bridge tax, $24,807.

COAL—Number mines, 1; annual capacity, 54,000 tons; price at mines, $1.25 per ton; number miners, 75; capital employed, $100,000.

COOK COUNTY.

Corn, acres, 46,109; yield, 1,798,251 bushels; value, $719,300. Hay, acres meadow, 99,203; yield, 99,203 tons; value $813,465. Winter wheat, acres, 118; yield, 2,360 bushels; value, $2,077. Oats, acres, 62,155, yield, 1,678,185 bushels; value, $503,455. Irish potatoes, acres, 9,866: yield, 690,620 bushels, value, $255,529 Rye, acres, 937; yield, 14,992 bushels, value, $8,995. Spring wheat, acres, 1,189; yield, 14,268 bushels; value, $11,314. Barley, acres, 228; yield, 6,840 bushels; value, $3,899. Tobacco, acres, 11; yield, 7,821 pounds; value, $860. Flax, acres, 2,500; yield, 9,528 bushels seed; value, $11,434, Buckwheat, acres, 20; yield, 240; value, $163. Timothy, seed, bushels, 894; value, $1,073. Clover seed, bushels, 34; value, $144. Beans, acres, 20; yield, 260 bushels; value, $351.

Average yield per acre crops past nine years: Corn, 31 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 8.9690; winter wheat, .0229; spring wheat, .2313; oats, 12.0902; rye, .1823; pastures, 16.1224; meadows, 19.2967; Irish potatoes, 1.9191; orchards, .7207; other crops and uncultivated land, 40.4454.

Wheat annually consumed, 2,430,876 bushels; used for seed annually, 1,743 bushels; deficit, 2,415,991 bushels.

FRUIT CROP, 1884,—Apples, bushels, 25,714; value, $19,285; Peaches, bushels, 264; value, $475; Vineyards, gallons wine, 174; value, $226; pounds grapes, 29,040; value, $1,452.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 7,741,057; value, $928,927; Cream sold, gallons, 11,171; value, $5,250; Butter, pounds sold, 497,088; value, $124,272; Cheese, pounds sold, 14,000, value, $1,260.

ANIMAL PRODUCTS.—Fat cattle, number sold, 9,127; gross weight, 9,501,207 pounds; value, $403,801: Fat hogs, number sold, 10,868; gross weight, 2,521,376 pounds; value, $134,894; Fat sheep, number sold, 753; gross weight, 76,053 pounds; value, $2,281; Wool, pounds, 12,440; value, $2,737.

LIVE STOCK, MAY, 1884.—Number horses, 36,032; foals, 1883, 917; number cattle, 39,684; number hogs, 13,094; number sheep, 3,423. Distribution of stock, number to each square mile. Horses, 45; cattle, 49; hogs, 16; sheep, 4.

MISCELLANEOUS —Number feet drain tile laid to January 1, 1884, 588,873; number farms, 1880, 4,754; average size farms, 108 acres; average value lands per acre, 1884, $81.84; taxation per acre, $8.60; value farm products per acre, $8.22; value animal products per acre, $3.12; road and bridge tax, $41,188.

CRAWFORD COUNTY.

Corn, acres, 34,287; yield, 1,097,184 bushels; value, $274,296. Hay, acres meadow, 14,506; yield, 21,759 tons; value, $87,036. Winter wheat, acres, 36,252; yield, 253,764 bushels; value, $203,011. Oats, acres, 7,987; yield, 263,571 bushels; value, $52,714. Irish potatoes, acres, 383; yield, 30,257 bushels; value, $10,892. Rye, acres, 265; yield, 3,180 bushels; value, $1,590. Spring wheat, acres, 18; yield, 288 bushels; value, $222. Barley, acres, 80; yield, 2,080 bushels; value, $1,186. Sorghum, acres, 227; yield, 21,338 gallons; value, $7,895. Sweet potatoes, acres, 8; yield, 664 bushels; value, $478. Tobacco, acres, 111; yield, 59,163 pounds; value, $5,141. Buckwheat, acres, 140; yield, 2,800 bushels; value, $1,960. Timothy seed, bushels, 682; value, $1,057 Clover seed, bushels, 730; value, $3,504. Beans, acres, 86; yield, 860 bushels; value, $1,204.

Average yield per acre, crops past nine years: Corn, 26 bushels; Wheat, 12 bushels.

Per cent of area to total acreage in county in 1884: Corn, 12.4408; winter wheat, 13.1538; spring wheat, .0065; oats, 2.8980; rye, .0962; pastures, 8.8795; meadows, 5.2634; Irish potatoes, .1389; orchards, .6469; other crops and uncultivated land, 56.4760.

Wheat annually consumed, 64,760 bushels; used for seed annually, 48,360 bushels, surplus, 140,932 bushels.

FRUIT CROP, 1884—Apples, bushels, 39,798; value, $31,838. Peaches, bushels, 332; value, $598. Vineyards: gallons wine, 2; value $3; pounds grapes, 729; value, $29.

DAIRY PRODUCTS, 1884.—Butter, pounds sold, 81,713; value $11,440. Cheese, pounds sold, 18; value, $2.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,036; gross weight, 1,873,120 pounds; value, $72,115. Fat hogs, number sold, 14,614; gross weight, 3,258,922 pounds; value, $143,392. Fat sheep, number sold, 3,354; gross weight, 335,400 pounds; value, $10,377. Wool, pounds, 58,110; value; $11,041.

LIVE STOCK, MAY, 1884—Number horses, 4,938; foals, 1883, 375; number cattle, 8,854 number hogs, 17,607; number sheep, 15,247. Distribution of stock, number to each square mile: Horses, 11; cattle, 20; hogs, 41; sheep, 35.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 307,176; number farms, 1880, 1,977; average size farms, 139 acres; average value lands per acre, 1884, $12.06; taxation per acre, $0.30; value farm products per acre, $3.61; value animal products per acre, $0.90; road and bridge tax, $8,510.

CUMBERLAND COUNTY.

Corn, acres, 28,339; yield, 623,458 bushels; value, $174,568. Hay, acres meadow, 23,671; yield, 35,506 tons; value, $133,107. Winter wheat, acres, 28,921; yield, 404,894 bushels; value, $311,768. Oats, acres, 12,310; yield, 307,750 bushels; value, $120,022. Irish potatoes, acres, 244; yield, 29,280 bushels; value, $10,248. Rye, acres, 368; yield, 7,360 bushels; value, $3,312. Broom corn, acres, 430; yield, 376 tons; value, $23,312. Sorghum, acres, 265; yield, 39,750, gallons; value, $17,092. Sweet potatoes, acres, 2; yield, 200 bushels; value, $174. Buckwheat, acres, 41; yield, 820; value, $410. Timothy seed, bushels, 1,164; value, $1,280. Clover seed, bushels, 58; value, $290. Beans, acres, 109; yield, 1,417 bushels; value, $2,834.

Average yield per acre crops past nine years: Corn, 21 bushels; Wheat, 12 bushels.

Per cent. of area to total acreage in county in 1884: Corn 12.8330; winter wheat, 13.0965; oats, 5 5744; rye, .1666; pastures, 10.7124; meadows, 10.7101; Irish potatoes, .1105; orchards, .5198; other crops and uncultivated lands, 46.2677.

Wheat annually consumed, 55,048 bushels; used for seed annually, 38,561 bushels; surplus, 311,285 bushels.

FRUIT CROP, 1884—Apples, bushels, 34,336; value, $17,168. Vineyards: pounds grapes, 254; value, $13.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 1,394; value, $251. Cream, gallons sold, 11; value, $5. Butter, pounds sold, 54,085; value, $6,488.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,949; gross weight, 1,949,000 pounds; value, $73,087. Fat hogs, number sold, 11,868; gross weight, 2,373,600 pounds; value, $94,944. Fat sheep, number sold, 1,178; gross weight, 106,020 pounds; value, $3,287. Wool, pounds, 16,174; value, $3,720.

LIVE STOCK, MAY, 1884—Number horses, 4,192; foals, 1883, 369; number cattle, 8,475; number hogs, 14,299; number sheep, 5,354. Distribution of stock, number to each square miles: Horse, 12; cattle, 24; hogs, 41; sheep, 15.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 162,227; number farms, 1880, 1,791; average size farms, 123 acres; average value lands per acre, 1884, $11.10; taxation per acre, $0.30; value farm products per acre, $4.89; value animal products per acre, $0.82; road and bridge taxes, $9,017.

DEKALB COUNTY.

Corn, acres, 104,484; yield, 397,392 bushels; value, $1,429,341. Hay, acres meadow, 74,150; yield, 111,225 tons; value, $511,635. Winter wheat, acres, 147; yield, 2,940 bushels; value, $2,205. Oats, acres, 61,680; yield, 2,467,200 bushels; value, $690,816. Irish potatoes, acres, 1,832; yield, 109,920 bushels; value, $52,762. Rye, acres, 1,917; yield, 38,340 bushels; value, $19,937. Spring wheat, acres, 889; yield, 10,668 bushels; value, $8,214. Barley, acres, 758; yield, 9,096 bushels; value, $5,185. Sorghum, acres, 3; yield, 300 gallons; value, $138. Flax,

acres, 312; yield, 2,808 bushels seed; value, $3,285. Buckwheat, acres, 172; yield, 2,580 bushels, value, $1,290. Timothy seed, bushels, 25,583; value, $26,862. Clover seed, bushels, 1,835; value, $7,340. Beans, acres, 22; yield, 286 pounds; value $400.

Average yield per acre, crops past nine years: Corn, 35 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 25.9520; winter wheat, .0365; spring wheat, .2208; oats, 15.3202; rye, .4761; pastures, 29.4885; meadows, 18.4176; Irish potatoes, .4550; orchards, 1.0641; other crops and uncultivated land, 8.5692.

Wheat annually consumed, 107,096 bushels; used for seed annually, 1,381 bushels, deficit, 94,869 bushels.

FRUIT CROP, 1884—Apples, bushels, 48,136; value, $24,068. Vineyards; pounds grapes, 1,472; value, $74.

DAIRY PRODUCTS, 1884—Gallons milk sold, 2,782,983; value, $556,597. Cream, gallons sold, 67,340; value, $1,650. Butter, pounds old, 961,668; value, $240,417. Cheese, pounds sold, 481,664; value, $48,166.

ANIMAL PRODUCTS—Fat cattle, number sold, 10,424; gross weight, 10,851,384 pounds; value, $542,569. Fat hogs, number sold, 38,013; gross weight, 1,054,361 pounds; value, $478,964. Fat sheep, number sold, 1,644; gross weight, 166,044; value, $5,077; Wool, pounds, 36,390; value, $6,186.

LIVE STOCK, MAY, 1884—Number horses, 14,315; foals, 1883, 1,616; number cattle, 45,324; number hogs, 45,799; number sheep, 7,473. Distribution of stock, number to each square mile: Horses, 23; cattle, 72; hogs, 73; sheep, 12.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 4,635,753; number farms, 1880, 2,637; average size farms, 151 acres; average value lands per acre, 1884, $26.02; taxation per acre, $0.44; value, farm products per acre, $12.66; value animal products per acre, $4.74; road and bridge tax, $42,353.

DEWITT COUNTY.

Corn, acres, 79,813; yield, 2,394,390 bushels; value, $622,541. Hay, acres meadow, 19,945; yield, 39,890 tons; value, $169,532. Winter wheat, acres, 6,657; yield, 119,826 bushels; value, $98,257. Oats, acres, 27,300; yield, 917,400 bushels; value, $201,828. Irish potatoes, acres, 579; yield, 43,425 bushels; value, $15,199. Rye, acres, 1,905; yield, 30,480 bushels; value, $15,240. Spring wheat, acres, 110; yield, 1,650 bushels; value, $1,270. Broom corn, acres, 34; yield, 17 tons; value, $1,292. Sorghum, acres, 90; yield, 10,800 gallons; value, $3,672. Tobacco, acres, 3; yield, 2,133 pounds; value, $235. Buckwheat, acres, 2, yield, 32; value, $22. Timothy seed, bushels, 3,014; value, $4,069. Clover seed, bushels, 341; value, $1,483. Beans, acres, 9; yield, 117 bushels; value, $234.

Average yield yer acre crops past nine years: Corn, 29 bushels; Wheat, 15 bushels.

Per-cent. of area to total acreage in county in 1884: Corn, 31 6991; winter wheat, 2 6439; spring wheat, .0437; oats, 11.0412; rye, .7566; pastures, 18.5733; meadows, 7.9219; Irish potatoes, .2299; orchards, .7748; other crops and uncultivated land, 26.3166.

Wheat annually consumed, 68,056 bushels; used for seed annually, 12,077 bushels; surplus, 82,419 bushels.

FRUIT CROP, 1884.—Apples, bushels, 18,560; value, $13,920. Pounds, grapes, 186; value, $11.

DAIRY PRODUCTS, 1884—Gallons milk sold, 23,020; value, $4,374. Cream sold, gallons, 1,786; value, $446. Butter, pounds sold, 113,334; value, $25,593. Cheese, pounds sold, 100; value, $20.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,323; gross weight, 4,044,091 pounds; value, $135,477. Fat hogs, number sold, 22,341; gross weight, 5,160,771 pounds; value, $237,395. Fat sheep, number sold, 3,254; gross weight, 309,130 pounds; value, $11,233. Wool, pounds, 76,979; value, $15,396.

LIVE STOCK, MAY, 1884—Number horses, 7,564; foals, 1883, 821; number cattle, 11,448; number hogs, 26,917; number sheep, 14,792. Distribution of stock, number to each square mile: Horses, 19; cattle, 37; hogs, 68; sheep, 38.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 3,536,855; number farms, 1880, 2,055; average size farms, 122 acres; average value lands per acre, 1884, $24.22; taxation per acre, $0.64; value farm products per acre, $6.80; value animal products per acre, $1.71; road and bridge tax, $18,031.

DOUGLAS COUNTY.

Corn, acres, 53,262; yield, 1,651,122 bushels; value, $396,269. Hay, acres meadow, 26,254; yield, 45,944 tons; value, $176,884. Winter wheat, acres, 12,026; yield, 155,338 bushels; value, $114,127. Oats, acres, 18,829; yield, 602,528 bushels; value, $120,505. Irish potatoes, acres, 380; yield, 45,600 bushels, value, $14,592. Rye, acres, 440; yield, 5,280 bushels; value, $2,534. Spring wheat, acres, 50; yield, 800 bushels; value, 616. Broom corn, acres, 6,131; yield, 766 tons; value, $30,640. Barley, acres, 240; yield, 6,240 bushels; value, $3,557. Sorghum, acres, 72; yield, 10,800 gallons; value, $5,076. Buckwheat, acres, 69; yield, 690, value, $862. Timothy seed, bushels, 4,519; value, $5,649. Clover seed, bushels, 86; value, $408.

Average yield per aere crops past nine years: Corn, 27 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 20.0312; winter wheat, 4.5293; spring wheat, .0188; oats, 7.0920; rye, .1657; pastures, 19.3961; meadows, 9.8886; Irish potatoes, .1431; orchards, 1.2904; other crops and uncultivated land, 37.4145.

Wheat annually consumed, 63,428 bushels; used for seed annually, 16,101 bushels; surplus, 77,609 bushels.

FRUIT CROP, 1884.—Apples, bushels 79,640; value, $47,784. Peaches, bushels, 68; value, $122.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 85; value, $17. Butter, pounds sold, 75,688; value, $7,082.

ANIMAL PRODUCTS.—Fat cattle, number sold, 4,276; gross weight, 4,917,400 pounds; value, $172,109. Fat hogs, number sold, 20,377; gross weight, 2,343,355 pounds; value, $101,936. Fat sheep, number sold, 1,512; gross weight, 151,200 pounds; value, $5,292. Wool, pounds, 26,827; value, $6,707.

LIVE STOCK, MAY, 1884.—Number horses, 8,128, foals 1882, 703; number cattle, 18,590; number hogs, 24,551; number sheep, 6,873. Distribution of stock, number to each square mile: Horses, 19; cattle 45; hogs, 59; sheep, 16.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 2,896,946; number farms, 1880. 1,831; average size farms, 143 acres; average value lands per acre, 1884, $24.10; taxation per acre, $0.51; value farm products per acre, $5.16; value animal products per acre, $1.11; road and bridge tax, $25,501.

DUPAGE COUNTY.

Corn, acres, 30,630; yield, 1,194,570 bushels; value, $441,991. Hay, acres meadow, 42,836; yield 42,836 tons; value, $385,524. Winter wheat, acres, 200; yield, 2,800 bushels; value, $2,128: Oats, acres, 36,088, yield, 1,696,136 bushels; value, $508,841. Irish potatoes, acres, 3,631; yield, 344,945 bushels; value, $120,731. Rye, acres, 1,929; yield, 38,580 bushels, value, $23,148. Spring wheat, acres, 769; yield, 19,225; value, $14,803. Barley, acres, 75; yield, 1,950 bushels; value, $1,111. Flax, acres, 754; yield, 9,048 bushels seed, value, $10,586. Buckwheat, acres, 10; yield, 220; value, $88. Timothy seed, bushels, 456: value, $547. Clover seed, bushels, 205; value, $892. Beans, acres, 2; yield, 30 bushels, value, $37.

Average yield, per acre crops past nine years: Corn 34 bushels; Wheat, 15 bushels.

Per cent of area to total acreage in county, in 1884: Corn, 14.8634; winter wheat, .0970; spring wheat, 3,732; oats, 9.1369; rye, .9360; pastures, 22.3183; meadows, 20.7864; Irish potatoes, 1.7619; orchards, 1.5853; other crops and uncultivated land, 28.1416.

Wheat annually consumed, 76,748 bushels; used for seed annnually, 1,292 bushels; deficit 56,015 bushels.

FRUIT CROP, 1884.—Apples, bushels, 12,767; value, $11,490. Grapes, pounds, 10,998; value, $440.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 18,004,233; value, $960,508. Cream, gallons sold, 2,317; value, $1,738. Butter, pounds sold, 298,910; value, $83,695. Cheese, pounds sold, 208,890; value, $29,245.

ANIMAL PRODUCTS.—Fat cattle, number sold, 5,056; gross weight, 5,561,600 pounds; value, $194,656. Fat hogs, number sold, 11,617; gross weight, 1,301,104 pounds; value, $52,044, Fat sheep, number sold, 1,206; gross weight, 98,892 pounds; value, $2,472. Wool, pounds. 32,517; value, $7,154.

LIVE STOCK, MAY, 1884.—Number horses, 6,082; foals 1883, 570; number cattle, 21,985; number hogs, 1.3997; number sheep, 5,481. Distribution of stock, number to each square mile: Horses, 19; cattle, 68; hogs, 43; sheep, 17.

MISCELLANEOUS.—Number of feet drain tile laid to January 1, 1884, 1,954,073; number farms, 1880, 1,695; average size farms, 121 acres; average value lands per acre, 1884, $33.36; taxation per acre, $0.54, value farm products per acre, $14.79; value animal products per acre, $6.46; road and bridge tax, $26,663.

EDGAR COUNTY.

Corn, acres, 90,643; yield, 2,447,361 bushels; value, $685,261. Hay, acres meadow, 35,889; yield, 44,861 tons; value, $201,874. Winter wheat, acres, 47,061; yield, 517,671 bushels; value, $320,956. Oats, acres, 14,585; yield, 393,795 bushels; value, $98,449. Irish potatoes, acres, 601; yield, 69,115 bushels; value, $25,572. Rye, acres, 440; yield, 4,400 bushels; value, $2,288. Spring wheat, acres, 41; yield, 656 bushels; value, $505. Broom corn, acres, 689; yield, 86 tons; value, $6,020. Barley, acres, 6; yield, 156 bushels; value $89. Sorghum, acres, 140; yield, 11,200 gallons; value, $5,600. Sweet potatoes, acres, 7; yield, 700 bushels; value, $875. Buckwheat, acres, 1, yield, 16; value, $11. Timothy seed, bushels, 7.337; value, $10,272. Clover seed, bushels, 692; value $3,147. Beans, acres, 14; yield, 182 bushels; value, $291.

Average yield per acre crops past nine years: Corn, 30 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn 22.7403; winter wheat, 11.8061; spring wheat, .0103; oats, 3.6590; rye, .1104; pastures, 22.6021; meadows, 9.0037; Irish potatoes, .1510; orchards, .9383; other crops and uncultivated land, 28.9788.

Wheat annually consumed, 102,016 bushels; used for seed annually, 62,803 bushels; surplus, 353,508 bushels.

FRUIT CROP, 1884—Apples, bushels, 31,226; value, $27,167; Peaches, bushels, 3; valne $3; Vineyards, pounds grapes, 1,694; value, $85.

DAIRY PRODUCTS—Gallons milk sold, 17,840: value, $4,817. Cream sold, gallons, 272; value, $162. Butter, pounds sold, 128,028; value, $28,166. Cheese, pounds sold, 18,166; value, $2,725.

ANIMAL PRODUCTS—Fat cattle, number sold, 6,333; gross weight, 7,599,600 pounds; value, $303,984 Fat hogs, number sold, 24,902; gross weight, 6,848,050 pounds; value, $284,194. Fat sheep, number sold, 3,514; gross weight, 351,400 pounds; value, $10,542. Wool pounds, 72,976; value, $17,514.

LIVE STOCK, MAY, 1884—Number horses, 11,313; foals, 1883, 1,034; number cattle, 27,534; number hogs, 30,003; number sheep, 15,973. Distribution of stock, number to each square mile: Horses, 18; cattle, 44: hogs, 48; sheep, 26.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 7,929,567; number farms, 1880, 2,785; average size farms, 143 acres; average value lands per acre, 1884, $25.12; taxation per acre, $0.58; value farm products per acre, $6.48; value animal products per acre, $1.63; road and bridge tax, $33,221.

COAL—Number mines, 1: annual capacity, 21,720 tons; price at mines, $1.45 per ton; number miners, 55; capital employed, $50,000.

EDWARDS COUNTY.

Corn, acres, 18,152; yield, 272,280 bushels; value, $95.298, Hay, acres meadow, 11,526; yield, 11,526 tons; value, $74,919, Winter wheat, acres, 24,637; yield, 394,192 bushels; value, $283,818. Oats, acres, 7,876; yield, 212,652 bushels; value, $44,657. Irish potatoes, acres, 298; yield, 29,204 bushels; value, $8,761, Rye, acres, 34; yield, 510 bushels; value, $265. Spring wheat, acres, 146; yield, 2,336 bushels; value, $1,799. Barley, acres, 4; yield, 104 bushels; value, $59. Sorghum, acres, 236; yield, 22,600 gallons; value, $10,170, Sweet potatoes, acres, 1; yield, 94 bushels: value, $70 Tobacco, acres, 4; yield, 2,814 pounds; value, $313. Timothy seed, bushels, 2,475; value, $3,712. Clover seed, bushels, 2,526; value, $11,367,

Average yield per acre crops past nine years; Corn, 19 bushels; Wheat, bushels, 15.

Per-cent of area to total acreage in county in 1884: Corn, 12.9105; winter wheat, 17.5230; spring wheat, .1038; oats, 5 6018; rye, .0242; pastures, 8.2220; meadows, 8.1978; Irish potatoes, .2119; orchards, 1,2233; other crops and uncultivated land, 45.9814.

Wheat annually consumed, 34,400 bushels, used for seed annually, 33,044 bushels, surplus, 329,084 bushels.

FRUIT CROP, 1884,—Apples, bushels, 26,566; value, $10,626; Peaches, bushels, 934; value, $1,681; Vineyards. gallons wine, 8; value, $10; pounds grapes, 2,280; value, $68.

DAIRY PRODUCTS, 1884,—Gallons milk sold, 25; value, $4; Butter, pounds sold, 49,320; value, $7,398.

ANIMAL PRODUCTS.—Fat cattle, number sold, 1,728: gross weight, 1,798,848 pounds; value $71,954. Fat hogs, number sold, 9,672; gross weight, 2,205,216 pounds: value, $93,722. Fat sheep, number sold, 2,701; gross weight, 289,007 pounds; value, $10,838. Wool, pounds, 54,367; value, $11,961.

LIVE STOCK, MAY, 1884.—Number horses, 3,027; foals, 1883, 259; number cattle, 7,514; number hogs, 11,653; number sheep, 12,276. Distribution of stock, number to each square mile. Horses, 14; cattle, 34; hogs, 53; sheep, 56.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 17,510; number farms, 1880, 704; average size farms, 199 acres; average value lands per acre, 1884, $14 88; taxation per acre, $0.32; value farm products per acre, $5.47; value animal products per acre, $1.39; road and bridge tax, $3,102.

EFFINGHAM COUNTY.

Corn, acres, 42,385; yield, 847,700 bushels; value, $279,741. Hay, acres meadow, 24,151; yield, 30,189 tons; value, $128,303. Winter wheat, acres, 37.399; yield, 299,192 bushels; value, $224,394. Oats, acres, 31,354; yield, 909,266 bushels; value, $181,853; Irish potatoes, acres, 700; yield, 70,000 bushels; value, $25,900. Rye, acres, 495; yield, 5,940 bushels; value, $2,970. Sorghum, acres, 268; yield, 28,944 gallons; value, $13,025. Sweet potatoes, acres, 2, yield, 300 bushels; value, $225. Tobacco, acres, 383; yield, 272,313 pounds; value, $29,954. Flax, acres, 3; yield, 27 bushels seed; value, $31. Buckwheat, acres, 16; yield, 256; value, $128. Timothy seed, bushels, 2,890; value, $3,179. Beans, acres, 18; yield, 216 bushels; value, $356.

Average yield per acre crops past nine years: Corn, 21 bushels; Wheat, 13 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 14.8792; winter wheat, 13.1289. oats, 1.1007; rye, .1738; pastures, 11.9185; meadows, 8.4782; Irish potatoes, .2457; orchards, .6515; other crops and uncultivated land, 49.4235.

Wheat annually consumed, 75,696 bushels; used for seed annually, 49,865 bushels; surplus, 173,631 bushels.

FRUIT CROP, 1884—Apples, bushels, 42,498; value, $21,249. Peaches, bushels, 522; value, $940. Vineyards: gallons wine, 12; value, $15; pounds grapes, 1,435; value, $43.

DAIRY PRODUCTS, 1884—Gallons milk sold, 13,270; value, $2,521. Cream, gallons sold 115; value, $54. Butter, pounds sold, 73.089; value, $11,694.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,302; gross weight, 2,532,200 pounds, value, $97,490. Fat hogs, number sold, 10,611; gross weight, 2,122,200 pounds; value, $92,316. Fat sheep, number sold, 1,611; gross weight, 124,047 pounds; value, $5,086. Wool, pounds, 33,668; value, $6,734.

LIVE STOCK, MAY, 1884—Number horses, 5,628; foals, 1883, 465; number cattle, 10,008; number hogs, 12,784; number sheep, 7,325. Distribution of stock, number to each square mile: Horses, 13; cattle, 22; hogs, 29; sheep, 16.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 700: number farms, 1880, 2,274: average size farms, 124 acres: average value lands per acre, 1884, $9.36; taxation per acre, $0.26; value farm products per acre, $4.12; value animal products per acre, $0.76; road and bridge tax, $7,186.

FAYETTE COUNTY.

Corn, acres, 47,679; yield, 476,790 bushels; value, $143,037. Hay, acres meadow, 21,588; yield, 32,382 tons; value, $215,340. Winter wheat, acres, 47,906; yield, 335,342 bushels; value, $241,446. Oats, acres, 24,297; yield, 558,831 bushels; value, $139,708. Irish potatoes, acres, 519; yield, 43,077 bushels; value, $15,938. Rye, acres, 452; yield, 3,616 bushels; value, $1,880. Spring wheat, acres, 2,663; yield 42,608 bushels; value, $32,808. Barley, acres, 4; yield, 104 bushels; value, $59. Sorghum, acres, 222; yield, 33,300 gallons; value $14,319. Sweet potatoes, acres, 10; yield, 620 bushels; value, $539. Tobacco, acres, 13; yield 9,243 pounds; value, $1,017. Buckwheat, acres, 38; yield, 380; value, $258. Timothy seed, bushels, 880; value, $968. Clover seed, bushels, 334; value. $1,419. Beans, acres, 28; yield, 140 bushels; value, $175.

Average yield per acre crops past nine years: Corn, 18 bushels; Wheat, 12 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 11.3036; winter wheat, 11.3574; spring wheat, .6313; oats, 5.7602; rye, .1071; pastures, 6.4041; meadows, 5.1109; Irish potatoes, .1230; orchards, .7053; other crops and uncultivated land, 58.4971.

Wheat annually consumed, 92,972 bushels; used for seed annually, 67,425 bushels; surplus, 217,553 bushels.

FRUIT CROP, 1884.—Apples, bushels 59,741; value $22,701; Peaches, bushels, 13; value, $23. Vineyards: Grapes, pounds, 1,379: value, $55.

DAIRY PRODUCTS, 1884.—Milk, gallons sold, 564; value, $141. Cream gallons sold, 1,490; value, $700. Butter, pounds sold, 124,934; value $17,491. Cheese, pounds sold, 60; value, $8.

ANIMAL PRODUCTS.—Fat cattle, number sold, 3,089; gross weight, 2,857,325 pounds; value, $95,720. Fat hogs, number sold, 23,069; gross weight, 5,421,215 pounds; value, $224,980. Fat sheep, number sold, 3,399; gross weight, 329,703 pounds; value, $8,737. Wool, pounds, 53,218; value, $11,708.

LIVE STOCK, MAY, 1884.—Number horses, 9,037; foals 1883, 594; number cattle, 13,432; number hogs, 27,794; number sheep, 15,452. Distribution of stock, number to each square mile: Horses, 14; cattle 20; hogs, 42, sheep 23.

MISCELANEOUS.—Number feet drain tile laid to January, 1884, 3,585; number farms, 1880, 3,412; average size farms, 122 acres, average value lands per acre, 1884, $12.06; taxation per acre, $0.28; value farm products per acre, $3.05; value animal products per acre, $0.85; road and bridge tax $16,484.

FORD COUNTY.

Corn, acres, 108,411; yield, 2,601,864 bushels; value, $702,503. Hay, acres meadow, 36,027; yield, 36,027 tons; value, $144,108. Winter wheat, acres, 497; yield, 7,455 bushels; value, $5,666. Oats, acres, 41,745; yield, 1,335,840 bushels; value, $333,960. Irish potatoes, acres, 618; yield, 46,350 bushels; value, $11,587. Rye, acres, 1,246; yield, 27,412 bushels; value, $14,254. Spring wheat, acres, 9; yield, 144 bushels; value, $111. Broom corn, acres, 50; yield, 25 tons; value, $1,900. Barley, acres, 23; yield, 598 bushels; value, $341. Sorghum, acres, 24; yield, 1,800 gallons; value, $810. Flax, acres, 7,482; yield, 59,856 bushels seed; value, $67,039. Buckwheat, acres, 4; yield, 50; value $20. Timothy seed, bushels, 8,210; value, $9,031. Clover seed, bushels, 762; value, $3,048. Beans, acres, 3; yield, 39 bushels; value, $29.

Average yield per acre crops past nine years: Corn, 23 bushels; Wheat, 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 34.4457; winter wheat, .1579; spring wheat, .0028; oats, 13.2625; rye, .3958; pastures, 12.1512; meadows, 11.4427; Irish potatoes, .1963; orchards, .6922; Other crops and uncultivated land, 27.2529.

Wheat annually consumed, 60,420 bushels; used for seed annually, 675 bushels; deficit, 53,496 bushels.

FRUIT CROP, 1884—Apples, bushels, 22,524; value, $13,064. Vineyards, pounds grapes, 264; value, $10.

DAIRY PRODUCTS, 1884—Gallons milk sold, 5,700; value, $1,026; Cream sold, gallons, 4,381; value, $2,059; Butter, pounds sold, 117,678; value, $18,828.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,738; gross weight, 3,148,700 pounds; value, $149,563. Fat hogs, number sold, 16,839; gross weight, 3,367,800 pounds; value, $146,499. Fat sheep, number sold, 1,064; gross weight, 95,760 pounds; value, $3,830. Wool, pounds, 15,005; value, $2,701.

LIVE STOCK, MAY, 1884—Number horses, 6,724; foals, 1883, 696; number cattle, 11,906; number hogs, 20,288; number sheep, 4,838. Distribution of stock, number to each square mile: Horses, 14; cattle, 24; hogs, 41; sheep, 10.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 2,095,782; number farms, 1880, 2,138; average size farms, 147 acres; average value lands per acre, 1884, $16.68; taxation per acre, $0.41; value farm products per acre, $5.54; value animal products per acre, $1.03; road and bridge tax, $19,408.

FRANKLIN COUNTY.

Corn, acres, 3,487; yield, 87,175 bushels; value, $30,511. Hay, acres meadow, 940; yield, 1,105 tons; value, $6,077. Winter wheat, acres, 5,247; yield, 36,729 bushels; value, $26,812. Oats, acres, 915; yield, 27,450 bushels; value, $5,490. Irish potatoes, acres, 8; yield, 560; value, $151. Rye, acres, 5; yield, 75 bushels; value, $39. Spring wheat, acres, 319; yield, 5,104 bushels; value, $3,930. Sorghum, acres, 1; yield, 90 gallons; value, $36. Tobacco, acres, 20; yield, 16,000 pounds; value, $800. Timothy seed, bushels, 40; value, $50.

Average yield per acre crops past nine years: Corn, 25 bushels, Wheat, 10 bushels.

Per cent, of area to total acreage in county in 1884: Corn, 14.0000; winter wheat, 2.1067; spring wheat, .1281; oats, .3674; rye, .0020; pastures, .3148; meadows, .3774; Irish potatoes, .0032; orchards, .0027; other crops and uncultivated land, 95.2077.

Wheat annually consumed, 64,516 bushels; used for seed annually, 7,421 bushels; deficit, 30,104 bushels.

FRUIT CROP, 1884—Apples, bushels, 3,314; value, $1,657: Peaches, bushels, 100; value, $180.

DAIRY PRODUCTS, 1884—Butter, pounds sold, 2,080; value, $354.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,471; gross weight, 1,397,450 pounds: value, $39,827. Fat hogs, number sold, 12,131; gross weight, 2,263,497 pounds; value, $98,680. Fat sheep, number sold, 1,432; gross weight, 128,880 pounds; value, $2,900. Wool, pounds, 2,589; value, $777.

LIVE STOCK, MAY, 1884—Number of horses, 4,040; foals, 1884, 53; number cattle, 6,398; number hogs, 14,616; number sheep, 6,509. Distribution of stock, number to each square mile: Horses, 10; cattle, 18; hogs, 38; sheep, 17.

MISCELLANEOUS—Number farms, 1880, 2,366; average size farms, 105 acres; average value lands per acre, 1884, $7 44; taxation per acre, $0 26; value farm products per acre, $0.89; value animal products per acre, $0.57; road and bridge tax, $1,410.

FULTON COUNTY.

Corn, acres, 101,351; yield, 3,547,285 bushels; value, $993,240. Hay, acres meadow, 40,151; yield, 8,302 tons; value, $441,661. Winter wheat, acres, 37,118; yield, 742,360 bushels; value, 549,346. Oats, acres, 34,554; yield, 1,209,390 bushels; value, $266,066. Irish potatoes, acres, 1,424; yield, 224,992 bushels; value, $71,997. Rye, acres, 8,087; yield, 105,131 bushels; value, $52,565. Spring wheat, acres, 726; yield, 11,616 bushels; value, $8,944. Sorghum, acres, 184; yield, 9,200 gallons; value, $4,600. Sweet potatoes, acres, 15; yield, 1,200 bushels; value, $1,104. Buckwheat, acres, 47, yield, 1,410; value, $916, Timothy seed, bushels, 3,750; value, $4,312. Clover seed, bushels, 13,805; value, $60,052. Beans, acres, 13; yield, 169 bushels; value, $422.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, bushels, 18.

Per cent of area to total acreage in county in 1884: Corn, 18.7920; winter wheat, 6.7490; spring wheat, .1320; oats, 6.2828; rye, 1.4704; pastures, 11.9353; meadows, 7.3005; Irish potatoes, .2589; orchards, .9428; other crops and uncultivated land, 46.1363.

Wheat annually consumed, 164,996 bushels; used for seed annually, 50,459 bushels; surplus, 538,521 bushels.

FRUIT CROP, 1884—Apples, bushels, 68,857: value, $56,463; Peaches, bushels, 16; value, $29; Vineyards, gallons wine, 205; value, $307; pounds grapes, 314; value, $12,

DAIRY PRODUCTS, 1884.—Gallons milk sold, 52,945; value, $10,589; Cream sold, gallons, 7,307; value, $3,653; Butter, pounds sold, 273,584; value, $41,038; Cheese, pounds sold, 125; value, $19,

ANIMAL PRODUCTS,—Fat cattle, number sold, 8,087; gross weight, 8,790,569 pounds; value, $395,576, Fat hogs, number sold, 55,944; gross weight, 14,265,720 pounds; value, $677,622. Fat sheep, number sold, 4,704; gross weight, 503,328 pounds; value, $16,861. Wool, pounds, 93,248; value, $19,582.

LIVE STOCK, MAY. 1884,—Number horses, 15,676; foals, 1883, 1,837; number cattle, 35,160; number hogs, 67,403; number sheep, 21,382, Distribution of stock, number to each square mile: Horses, 18; cattle, 41; hogs, 78; sheep, 25.

MISCELLANEOUS,—Number feet drain tile laid to January 1, 1884, 4,093,999; number farms, 1880, 4,200; average size farms, 131 acres; average value lands per acre, 1885, $23.34; taxation per acre $0,50; value farm products per acre, $7.07; value animal products per acre, $2.12; road and bridge tax, $39,969.

COAL.—Number mines, 36; annual capacity, 298,431 tons; price at mines, $1.27 per ton; number miners, 725; capital employed, $133,200.

GALLATIN COUNTY.

Corn, acres, 38,000: yield, 1,140,000 bushels, value, $342,000. Hay, acres meadow, 10,220; yield, 15,330; tons; value, $122,640. Winter wheat, acres, 41,000; yield, 574,000 bushels; value, $436,240. Oats, acres, 5,642; yield, 169,260 bushels; value, $37,237; Irish potatoes, acres, 640; yield, 41,600 bushels; value, $12,480. Rye, acres, 300; yield, 4,500 bushels; value, $2,340. Sorghum, acres, 440; yield, 37,400 gallons; value, $13,838. Sweet potatoes, acres, 120; yield, 13,200 bushels; value, $7,524. Timothy seed, bushels, 699; value, $979. Clover seed, bushels, 890; value, $4,094.

Average yield per acre crops past nine years; Corn, 27 bushels; Wheat, 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 18.9424; winter wheat, 20.4379; oats, 2.8124; rye, .1495; pastures, 4.4066; meadows, 5.0945; Irish potatoes, .3190; orchards, 2.2860; other crops and uncultivated land, 45.5517.

Wheat annually consumed, 51,448 bushels; used for seed annually, 54,667 bushels, surplus, 467,887 bushels.

FRUIT CROP, 1884.—Apples, bushels, 135,710; value $101.782; Peaches, bushels; 43,520; value, $78,336.

DAIRY PRODUCTS, 1884.—Butter, pounds sold, 47,000; value $9,400.

ANIMAL PRODUCTS.—Fat cattle. number sold, 1,226; gross weight, 858,200 pounds; value $23,600. Fat hogs, number sold, 9,944; gross weight 1,740,200 pounds; value, $69,608. Fat sheep. number sold, 656; gross weight, 66,256 pounds; value, $2,186. Wool, pounds, 8,075; value, $1,615.

LIVE STOCK, MAY, 1884.—Number horses, 3,008; foals 1883, 395, number cattle, 5,330; number hogs, 11,981; number sheep 2,983. Distribution of stock, number to each square mile: Horses, 10; cattle 17; hogs, 38; sheep, 9.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 57,993; number farms, 1880. 1,160; average size farms, 173 acres; average value of lands per acre, 1884, $7.42; taxation per acre, $0.46; value farm products per acre, $6.40; value animal products per acre, $0.53; road and bridge tax $1,653.

COAL.—Number mines, 2; annual capacity, 30,400 tons; price at mines, $1.15 per ton; number miners, 73; capital employed, $25,150.

GREENE COUNTY.

Corn, acres, 51,078; yield, 2,145,276 bushels; value, $579,224. Hay acres, meadow, 16,141; yield, 24,211 tons; value, $163,424. Winter wheat, acres, 57,434; yield, 704,076 bushels; value, $570,301. Oats, acres, 5,951; yield, 166,628 bushels; value, $44,989. Irish potatoes, acres, 571; yield, 60,526 bushels; value, $22,395, Rye, acres, 194; yield, 2,910 bushels; value, $1,513. Spring wheat, acres, 53; yield, 848 bushels; value, $653. Sorghum, acres, 155; yield, 16,740 gallons; value, $8,705. Sweet potatoes, acres, 12; yield, 480 bushels; value, $360. Tobacco, acres, 1; yield, 711 pounds; value, $78. Buckwheat, acres, 9; yield, 144; value, $101. Timothy seed, bushels, 1,224; value, $2,081. Clover seed, bushels, 1,249; value, $5,745. Beans, acres, 15; yield, 195 bushels; value, $322.

Average yield per acre crops past nine years: Corn, 38 bushels; Wheat, 18 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 14.8830; winter wheat, 16.7350; spring wheat, .0154: oats, 1.7340; rye, .0565; pastures, 15.8303; meadows, 4.7031; Irish potatoes, .1663; orchards, .7602; other crops and uncultivated land, 45.1162.

Wheat annually consumed, 92,056 bushels; used for seed annually, 76,649 bushels; surplus, 536,219 bushels.

FRUIT CROP, 1884—Apples, bushels, 26,258; value, $13,917; Peaches, bushels, 137; value, $137; Vineyards; pounds grapes, 299; value, $18.

DAIRY PRODUCTS, 1884—Gallons milk sold, 4,218; value, $1,265; Cream, gallons sold, 297; value, $92; Butter, pounds sold, 119,249; value, $23,850; Cheese, pounds sold, 1,800; value, $270.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,820; gross weight, 4,629,840 pounds; value, $226,862. Fat hogs, number sold, 21,811; gross weight, 5,191,018 pounds; value, $220,618. Fat sheep, number sold, 1,407; gross weight, 154,770 pounds; value, $3,869. Wool, pounds, 27,792; value, $5,002.

LIVE STOCK, MAY, 1884—Number horses, 7,586; foals, 1883, 725; number cattle, 16,607; number hogs, 26,279; number sheep, 6,397. Distribution of stock, number to each square mile: Horses, 14; cattle, 31; hogs, 49; sheep, 12,

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 1,340,801; number farms. 1880, 2,013; average size farms, 170 acres; average value lands per acre, 1884, $25.18; taxation per acre, $0.41; value farm products per acre, $6.80; value animal products per acre, $1.40; road and bridge tax, $5,162.

COAL—Number mines, 9; annual capacity, 15,840 tons; price at mines, $1.72 per ton; number miners, 27; capital employed, $2,725.

GRUNDY COUNTY.

Corn, acres, 78,792; yield, 2,521,344 bushels; value, $705,976. Hay, acres meadow, 43,179; yield, 53,974 tons; value, $280,665. Winter wheat, acres, 119; yield, 1,666 bushels; value, $1,266. Oats, acres, 37,048; yield, 1,370,776 bushels; value, $383,817. Irish potatoes, acres, 1,093; yield, 109,300 bushels, value, $32,790. Rye, acres, 1,366; yield, 24,588 bushels; value, $12,785. Spring wheat, acres, 94; yield, 1,880 bushels; value, $1,448. Sweet potatoes, acres, 1; yield, 125 bushels; value, $112. Flax, acres, 103; yield, 927 bushels seed; value, $1,066. Buckwheat, acres, 39; yield, 780; value, $530. Timothy seed, bushels, 8,775; value, $8,775. Clover seed, bushels, 128; value, $582. Beans, acres, 10; yield, 130 bushels; value $208.

Average yield per acre crops past nine years: Corn, 24 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 29.3141; winter wheat, .0405; spring wheat, .0350; oats, 13.7837; rye, .5082; pastures, 23.2151; meadows, 16.0647; Irish potatoes, .4066; orchards, .7486; other crops and uncultivated land, 15.8835.

Wheat annually consumed, 66,952 bushels; used for seed annually, 284 bushels; deficit, 63,690 bushels.

FRUIT CROP, 1884—Apples, bushels, 28,606; value, $14,875; Peaches, bushels, 136; value, $245.

DAIRY PRODUCTS, 1884—Gallons milk sold, 31,308; value, $10,958; Cream sold, gallons, 53,781; value, $10,756; Butter, pounds sold, 368,499; value, $77,385.

ANIMAL PRODUCTS—Fat cattle, number sold, 4,177; gross weight, 5,012,400 pounds; value, $218,039. Fat hogs, number sold, 9,921; gross weight, 3,174,720 pounds; value, $142,862. Fat sheep, number sold, 478; gross weight, 50,190 pounds; value, $2,008. Wool, pounds, 12,272; value, $2,454.

LIVE STOCK, MAY, 1884—Number horses, 7,805; foals, 1883, 725; number cattle, 18,161; number hogs, 11,953; number sheep, 2,171. Distribution of stock, number to each square mile: Horses, 18; cattle, 43; hogs, 28; sheep, 5.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 2,921,356; number farms, 1880, 1,781; average size farms, 151 acres; average value lands per acre, 1884, $22.66; taxation per acre, $0.54; value farm products per acre, $8.00; value animal products per acre, $1.73; road and bridge tax, $32.851.

COAL—Number mines, 29; annual capacity, 713,234 tons; price at mines, $1.47 per ton; number miners, 1,804; capital employed, $324,600.

HAMILTON COUNTY.

Corn, acres, 27,438; yield, 685,950 bushels; value, $226,363, Hay, acres meadow, 12,274; yield, 24,548 tons; value, $147,288. Winter wheat, acres, 21,535; yield, 150,745 bushels; value; $108,536. Oats, acres, 8,264; yield, 231,392 bushels; value, $39,337; Irish potatoes, acres, 660; yield, 58,740 bushels; value, $22,909, Rye, acres, 6; yield, 54 bushels, value, $28. Sorghum, acres, 503; yield, 53,821 gallons; value, $24,758. Sweet potatoes, acres, 23; yield, 1,955 bushels; value, 1,095. Tobacco, acres, 769; yield, 692,100 pounds; value, $34,605. Buckwheat, acres, 4; yield, 44; value, $33, Timothy seed, bushels, 64; value, $109. Beans, acres, 4; yield, 76 bushels, value, $122.

Average yield per acre crops past nine years: Corn, 22 bushels; Wheat, bushels, 10.

Per cent of area to total acreage in county in 1884: Corn, 9.9816; winter wheat, 7.8319; oats, 3.0085; Rye, .0022; pastures, 21.1588; meadows, 4.4677; Irish potatoes, .2403; orchards, .8888; other crops and uncultivated land. 52 4122.

Wheat annually consumed, 66,848 bushels; used for seed annually, 28,713 bushels, surplus, 55,184 bushels.

FRUIT CROP, 1884.—Apples, bushels, 38,841; value, $22,916; Peaches, bushels, 7,861; value, $14,150.

DAIRY PRODUCTS, 1884.—Butter, pounds sold, 13,012; value, $2,212; Cheese, pounds sold, 100; value, $13,

ANIMAL PRODUCTS,—Fat cattle, number sold, 2,330; gross weight, 2,213,500 pounds; value, $76,366; Fat hogs, number sold, 19,034; gross weight, 3,787,766 pounds; value, $149,617; Fat sheep, number sold, 2,067; gross weight, 221,169 pounds; value, $5,419; Wool, pounds, 20,268, value, $4,864.

LIVE STOCK, MAY, 1884.—Number horses, 5,084; foals, 1883, 3560; number cattle, 10,130; number hogs, 22,933; number sheep, 9,395. Distribution of stock, number to each square mile. Horses, 12; cattle, 24; hogs, 53; sheep, 22.

MISCELLANEOUS.—Number farms, 1880, 2,349; average size farms, 116 acres; average value lands per acre, 1884, $6.48; taxation per acre, $0.26; value farm products per acre, $4.90; value animal products per acre, $0.87.

HANCOCK COUNTY.

Corn, acres, 99,713; yield, 319,816 bushels; value, 829,612. Hay, acres meadow, 49,572; yield, 74,358 tons; value, $371,790. Winter wheat, acres, 28,550; yield, 428,250 bushels; value, $342,600. Oats, acres, 51,334; yield, 1,591,354; value, $334.184. Irish potatoes, acres, 1,206; yield, 156,780; value, $39,195. Rye, acres, 3,689; yield, 47,957; value, $23,978. Spring wheat, acres, 169; yield, 2,704 bushels; value, $2,082. Broom corn, acres, 23; yield 11 tons; value, $836. Sorghum, acres, 353; yield, 35,300 gallons; value, $14,826. Sweet potatoes, acres, 48;

yield, 6,240 bushels; value, $3,120. Tobacco, acres, 1; yield, 711 pounds; value, $78. Buckwheat, acres, 208; yield, 4,160; value, $2,288. Timothy seed, bushels, 4,515; value, $5,644. Clover seed, bushels; 1,378; value, $6,570. Beans, acres, 22; yield, 286 bushels; value, $458.

Average yield per acre crops past nine years: Corn, 27 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 19.0635; winter wheat, 5.4583; spring wheat, .0323; oats, 9.8142; rye, .7053; pastures, 12.7946; meadows, 9.4773; Irish potatoes, .2366; orchards, .9875; other crops and uncultivated land, 41.4364.

Wheat annually consumed, 141,408 bushels; used for seed annually, 38,292 bushels; surplus, 251,254.

FRUIT CROP, 1884—Apples, bushels, 145,167; value, $72,583. Peaches, bushels, 10; value, $18.

DAIRY PRODUCTS, 1884—Gallons milk sold, 11,152; value, $2,007. Cream, gallons sold, 109; value, $51. Butter, pounds sold, 344,483; value, $55,117. Cheese, pounds sold, 427; value, $55.

ANIMAL PRODUCTS—Fat cattle, number sold, 7,913; gross weight, 8,704,300 pounds; value, $435,215. Fat hogs, number sold, 34,334; gross weight, 8,755,170 pounds; value, $407,115. Fat sheep, number sold, 1,538; gross weight, 155,338 pounds; value, $5,126. Wool, pounds, 30,240; value, $6,653.

LIVE STOCK, MAY, 1884--Number horses, 15,108; foals, 1883, 1,351; number cattle, 34,405; number hogs, 41,366; number sheep, 6,991. Distribution of stock, number to each square mile: Horses, 18; cattle 42: hogs, 51; sheep, 8.

MISCELLANEOUS--Number feet drain tile laid to January 1, 1884, 452,611; number farms, 1880, 4,296; average size farms, 115 acres; average value lands per acre, 1884, $24.08; taxation per acre, $0.43; value farm products per acre, $6.02; value animal products per acre, $1.74; road and bridge tax, $34,127.

COAL—Number mines, 5; annual capacity, 4,555 tons; price at mines, $2.00 per ton; number miners, 31; capital employed, $6,500.

HARDIN COUNTY.

Corn, acres, 3,708; yield, 118,656 bushels; value, $32,037. Hay, acres meadow, 1,509; yield, 3,772 tons; value, $37,720. Winter wheat acres, 2,203; yield, 26,436 bushels; value. $19,827. Oats, acres, 658; yield, 17,766 bushels; value. $4,441 Irish potatoes, acres, 1,419; yield, 92,235 bushels; value, $20,292. Rye, acres, 23; yield, 345 bushels; value, ; 179. Sorghum, acres, 58; yield, 1,740 gallons; value, $696.

Average yield per acre crops past nine years: Corn 25 bushels; Wheat, 11 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 3.3774; winter wheat. 2.0066; oats, .5993; rye, .0209; pastures, 1.8145; meadows, 1. 3745; Irish potatoes, 1.2926; orchards, .2860. other crops and uncultivated land, 89,2282.

Wheat annually consumed, 4,096 bushels; used for seed annually, 2,737; bushels, deficit, 597 bushels.

FRUIT CROP, 1884.—Apples, bushels, 765; value, $344. Peaches, bushels, 156; value. $281.

DAIRY PRODUCTS, 1884.—Butter. pounds sold. 10,76; value, $215.

ANIMAL PRODUCTS.—Fat cattle, number sold. 630; gross weight, 378,000 pounds; value, $11,340. Fat hogs. number sold, 6,447; gross weight, 1,450,575 pounds; value, $65,276. Fat sheep, number sold, 593; gross weight, 50,893 pounds; value, $1,976. Wool, pounds, 909; value, $318.

LIVE STOCK, MAY, 1884.—Number horses, 1,269; foals 1883, 35; number cattle, 2,741; number hogs, 7,767; number sheep, 2,697. Distribution of stock, number to each square mile: Horses, 7; cattle, 16; hogs, 45; sheep, 16.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 9,530; number farms, 1880, 597; average size farms, 183 acres; average value lands per acre, 1884, $7.44; taxation per acre, $0.16, value farm products per acre, $1.86; value animal products per acre, $0.72.

HENDERSON COUNTY.

Corn, acres, 64,691; yield, 2,264,185 bushels; value, $543,404. Hay, acres meadow, 14,191; yield, 31,929 tons; value, $175,609. Winter wheat, acres, 4,154; yield, 83,080 bushels; value, $62,310. Oats, acres, 21,944; yield. 811,928 bushels; value, $202,982. Irish potatoes, acres, 298; yield, 25,926 bushels; value, $5,704. Rye, acres, 7,307; yield, 124,219 bushels; value, $64,594. Spring wheat, acres, 397; yield, 5,955 bushels; value, $4,585. Sorghum, acres, 103; yield, 14,420 gallons; value, $6,489. Sweet potatoes, acres, 18; yield, 2,070 bushels; value, $937. Buckwheat, acres, 10; yield, 120; value, $96. Timothy seed, bushels, 124; value, $136. Clover seed, bushels, 23; value, $103. Beans, acres, 4; yield, 52 bushels; value, $83.

Average yield per acre crops past nine years: Corn, 30 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 27.1127; winter wheat, 1.7368; spring wheat, .1655; oats, 9.1970; rye, 3.0624; pastures, 25.9199; meadows, 5.9476; Irish potatoes, .1249; orchards, .6697; other crops and uncultivated land, 26.0635.

Wheat annually consumed, 43,020 bushels; used for seed annually, 6,068 bushels; surplus, 39,947 bushels.

FRUIT CROP, 1884—Apples, bushels, 10,167; value, $7,422; Peaches, bushels, 256; value, $1,024. Vineyards: gallons wine, 598; value, $777; pounds grapes, 6,090; value, $365.

DAIRY PRODUCTS, 1884—Gallons milk sold, 794; value, $198. Cream, gallons sold, 4,174; value, $1,962. Butter, pounds sold, 55,695; value, $10,582. Cheese, pounds sold, 9,700; value, $1,746.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,585; gross weight, 4,061,805 pounds; value, $205,121. Fat hogs, number sold, 18,942; gross weight, 4,508,196 pounds; value, $198,361. Fat sheep, number sold, 429; gross weight, 42,900 pounds; value, $858. Wool, pounds, 17,738; value, $3,902.

LIVE STOCK, MAY, 1884—Number horses, 6,396; foals, 1883, 717; number cattle, 15,588; number hogs, 22,822; number sheep, 1,950. Distribution of stock, number to each square mile: Horses, 17; cattle, 42; hogs, 61; sheep, 5.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 399,154; number farms, 1880, 1,361; average size farms, 175 acres; average value lands per acre, 1884, $16.74; taxation per acre, $0.61; value farm products per acre, $7.20; value animal products per acre, $1.77; road and bridge tax, $1,558.

HENRY COUNTY.

Corn, acres, 157,404; yield, 4,092,504 bushels; value, $1,146,901. Hay, acres meadow, 60,942; yield, 106,638 tons; value, $597,173. Winter wheat, acres, 277; yield, 3,878 bushels; value, $2,947. Oats, acres, 79,902; yield, 3,595,590 bushels; value, 755,074. Irish potatoes, acres, 1,608, yield, 188,136 bushels; value, $54,559. Rye, acres, 7,586; yield, 128,962 bushels; value, $45,137. Spring wheat, acres, 1,734; yield, 27,744 bushels; value, $19,421. Broom corn, acres, 4,122; yield, 1,546 tons; value, $123,680. Barley, acres, 351; yield, 9,126 bushels; value, $5,202. Sorghum, acres, 857; yield, 130,264 gallons; value, $65,132. Sweet potatoes, acres, 1; yield, 125 bushels; value, $181. Tobacco, acres, 12; yield, 86,031 pounds; value, $9,463. Flax, acres, 2; yield, 18 bushels seed; value, $21. Buckwheat, acres, 12; yield, 144; value, $88. Timothy seed, bushels, 2,875; value, $4,025. Clover seed, bushels, 789; value, $4,063, Beans, acres, 7; yield, 70 bushels; value, $122.

Average yield per acre crops past nine years: Corn, 30 bushels; Wheat, bushels, 15.

Per cent of area to total acreage in county in 1884: Corn, 30.5415; winter wheat, .0537; Spring wheat, .3345; oats, 15.5035; rye, 1.4719; pastures, 22.6918; meadows, 11.0486; Irish potatoes, .3120; orchards, .7932; other crops and uncultivated land, 17.2494.

Wheat annually consumed, 146,436 bushels; used for seed annually, 2,681 bushels; deficit, 117,495 bushels.

FRUIT CROP, 1884.—Apples, bushels 23,552; value, $21,414; Vineyards, gallons wine, 10; value, $25; pounds grapes, 3,359, value, $134.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 32,208; value, $4,187; Cream sold, gallons, 31,536; value, $14,822; Butter, pounds sold, 453,643; value, $86,192; Cheese, pounds sold, 77,694; value, $10,877.

ANIMAL PRODUCTS.—Fat cattle, number sold, 9,856; gross weight, 11,009,153 pounds, value, $495,412; Fat hogs, number sold, 56,017; gross weight, 13,388,063 pounds; value, $528,828; Fat sheep, number sold, 1,551; gross weight, 155,100 pounds; value, $6,204; Wool, pounds, 51,926; value, $8,308.

LIVE STOCK, MAY, 1884.—Number horses, 17,955; foals, 1883, 1,772; number cattle, 42,851; number hogs, 67,491; number sheep, 7,049. Distribution of stock, number to each square mile. Horses, 22; cattle, 53, hogs, 84; sheep, 9.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 4,952,784; number farms, 1880, 3,641; average size farms, 141 acres; average value lands per acre, 1884, $26.00; taxation per acre, $0.47; value farm products per acre, $8.63; value animal products per acre, $2.24; road and bridge tax, $39,930.

COAL.—Number mines, 26; annual capacity, 185,860 tons; price at mines, $1.69 per ton; number miners, 778; capital employed, $318,100.

IROQUOIS COUNTY.

Corn, acres, 209,528; yield, 6,285,840 bushels, value, $1,571,460. Hay, acres meadow, 83,881; yield, 104,851 tons; value, $482,315. Winter wheat, acres, 4,432; yield, 62,048 bushels, value, $49,638. Oats, acres, 88,613; yield, 3,101,455 bushels; value, $837,393. Irish potatoes; acres, 2,097, yield, 224,379 bushels, value, $58,338. Rye, acres, 6,542; yield, 71,962 bushels; value, $41,738. Spring wheat, acres, 51; yield, 816 bushels; value, $628. Broom corn, acres 35; yield, 17 tons; value, $1,292. Barley, acres, 65; yield 1,300 bushels, value, $741. Sorghum, acres 156; yield, 14,700 gallons; value, $6,762. Sweet potatoes, acres, 4; yield, 356 bushels; value, $267. Tobacco, acres, 1; yield, 711 pounds; value, $78. Flax, acres, 8,524; yield, 85,240 bushels seed, value, $99,731. Buckwheat, acres, 105; yield, 3,895; value, $2,914. Timothy seed, bushels, 13,760; value, $19,264. Clover seed, bushels, 224; value, $1,120. Beans, acres, 12; yield, 120 bushels; value, $192.

Average yield per acre crops past nine years: Corn, 24 bushels; wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 29.6984; winter wheat, .6282; spring wheat, .0072; oats, 12.5600; rye, .9273; pastures, 15.9874; meadows, 10.8893; Irish potatoes, .2972; orchards, .6012; other crops and uncultivated land, 28.4038.

Wheat annually consumed, 141,828 bushels; used for seed annually, 5,977 bushels; deficit, 84,941 bushels.

FRUIT CROP, 1884.—Apples bushels, 117,397; value, $45,785. Peaches, bushels, 31; value, $56. Vineyards: gallons wine, 134; value, $174; pounds grapes, 19,594; value, $980.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 93,147; value, $10,246; Cream, gallons sold, 30,582; value, $10,704. Butter, pounds sold, 153,790; value, $32,296. Cheese, pounds sold, 1,752; value, $175.

ANIMAL PRODUCTS.—Fat cattle, number sold, 9,826; gross weight, 11,005,120 pounds; value, $478,723. Fat hogs, number sold, 38,348; gross weight, 9,203,520 pounds; value, $418,760. Fat sheep, number sold, 1,577; gross weight, 176,624 pounds; value, $5,740. Wool, pounds, 33,365; value, $8,341.

LIVE STOCK, MAY, 1884.—Number horses, 19,575; foals 1883, 2,048; number cattle, 42,720; number hogs, 46,203; number sheep, 7,169. Distribution of stock, number to each square mile: Horses, 18; cattle, 39; hogs, 42; sheep 6.

MISCELLANEOUS —Number feet drain tile laid to January 1, 1884, 3,983,069; number farms, 1880, 4,773; average size farms, 148 acres; average value lands per acre, 1884, $18.60; taxation per acre, $0.36; value farm products per acre, $6.30; value animal products per acre, $1.37; road and bridge tax, $55,229.

JACKSON COUNTY.

Corn, acres, 19,556; yield, 528,012 bushels; value, $200,644. Hay, acres meadow, 13,583; yield, 20,374 tons; value, $190,497. Winter wheat, acres, 47,406; yield, 568,872 bushels; value, $409,588. Oats, acres, 6,654; yield, 179,658 bushels; value, $44,914. Irish potatoes, acres, 552, yield, 43,056 bushels; value, $14,208. Rye, acres, 25; yield, 300 bushels; value, $225. Barley; acres, 77; yield, 1,540 bushels; value, $924. Sorghum, acres, 73; yield, 13,659 gallons; value, $6,142. Sweet potatoes, acres, 143; yield, 9,581 bushels; value, $4,790. Tobacco, acres, 4; yield, 2,800 pounds; value, $280. Buckwheat, acres, 9; yield, 144; value, $98. Timothy seed, bushels, 425; value; $765. Clover seed, bushels, 3,175; value, $13,176. Beans, acres, 3; yield, 39 bushels, value, $62.

Average yield per acre crops past nine years: Corn, 23 bushels; Wheat, 12 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 5.9178; winter wheat, 14.3455; Oats, 2.0136; rye, .0076; pastures, 2.5062; meadows, 4.1103; Irish potatoes, .1670; orchards, 1.3944; other crops and uncultivated land, 69.5376.

Wheat annually consumed, 90,032 bushels; used for seed annually, 63,208 bushels; surplus, 415,632 bushels.

FRUIT CROP, 1884—Apples, bushels, 74,125; value, $51,887; Peaches, bushels, 11,729; value, $21,112. Vineyards: gallons wine, 54; value, $70; pounds grapes, 3,690; value, $111.

DAIRY PRODUCTS, 1884—Gallons milk sold, 3,547; value, $532. Butter, pounds sold, 65,263; value, $11,147.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,773; gross weight, 1,418,400 pounds; value, $42,552. Fat hogs, number sold, 12,978; gross weight, 3,374,974 pounds; value, $97,374. Fat sheep, number sold, 969; gross weight, 72,675 pounds; value, $1,635. Wool, pounds, 16,073; value, $5,143.

LIVE STOCK, MAY, 1884—Number horses, 4,082; foals, 1883, 301; number cattle, 7,710; number hogs, 15,636; number sheep, 4,404 Distribution of stock, number to each square mile: Horses, 8; cattle, 15; hogs, 30; sheep, 8.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 990; number farms, 1880, 2,407; average size farms, 135 acres; average value lands per acre, 1884, $8 36; taxation per acre, $0.33; value farm products per acre, $3.48; value animal products per acre, $0 48.

COAL—Number mines, 5; annual capacity, 288,770 tons; price at mines, $1.39 per ton; number miners, 373; capital employed, $1,333,000.

JASPER COUNTY.

Corn, acres, 35,353; yield, 459,589 bushels; value, $142,472. Hay, acres meadow, 23,130; yield, 40,477 tons; value, $161,908. Winter wheat, acres, 30,471; yield, 152,355 bushels; value, $115,790. Oats, acres, 16,500; yield, 412,500 bushels; value, $103,125; Irish potatoes, acres, 996; yield, 65,736 bushels; value, $41,414. Rye, acres, 528; yield, 7,920 bushels; value, $4,118. Spring wheat, acres, 10; yield, 160 bushels; value, $123. Broom corn, acres, 219; yield, 82 tons; value, $6,560. Sorghum, acres, 374; yield, 31,790 gallons; value, $14,941 Sweet potatoes, acres, 6; yield, 600 bushels; value, $360. Tobacco, acres, 8; yield, 6,000 pounds; value, $3,600. Buckwheat, acres, 14; yield, 168; value, $104 Timothy seed, bushels, 175; value, $201. Clover seed, bushels, 52; value, $247. Beans, acres, 11; yield, 110 bushels; value, $165.

Average yield per acre crops past nine years: Corn, 20 bushels; Wheat, 11 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 11 3806; winter wheat, 9.8090; spring wheat, .0032; oats, 5.3116; rye, .1700; pastures, 6.7814; meadows, 7.4459; Irish potatoes, .3206; orchards, .4946; other crops and uncultivated land, 58.2832.

Wheat annually consumed, 5,806 bushels; used for seed annually, 40,641 bushels; surplus, 53,814 bushels.

FRUIT CROP, 1884—Apples, bushels, 21,705; value, $12,589. Peaches, bushels; 26; value, $47. Vineyards: gallons wine, 19; value, $38; pounds grapes, 762; value, $30.

DAIRY PRODUCTS, 1884—Cream, gallons sold, 32; value, $10. Butter, pounds sold, 48,731; value, $6,822. Cheese, pounds sold, 401; value, $52.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,661; gross weight, 2,661,000 pounds; value, $103,779. Fat hogs, number sold, 14,155; gross weight, 2,831,000 pounds; value, $130,226. Fat sheep, number sold, 2,225; gross weight, 258,100 pounds; value, $6,711. Wool, pounds, 27,952; value, $6,149.

LIVE STOCK, MAY, 1884—Number horses, 5,469; foals, 1883, 369; number cattle, 11,570; number hogs, 17,054; number sheep, 10,115. Distribution of stock, number to each square mile: Horses, 11; cattle, 24; hogs, 35; sheep, 21.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 234,154; number farms, 1880, 2,153; average size farms, 144 acres; average value lands per acre, 1884, $9.52; taxation per acre, $0.27; value farm products per acre, $2 94; value animal products per acre, $0.82; road and bridge tax, $7,737.

COAL—Number mines, 1; annual capacity, 10,000 tons; price at mines, $2 per ton; number miners, 15; capital employed, $5,000.

JEFFERSON COUNTY.

Corn, acres, 42,848; yield, 514,176 bushels, value, $195,387. Hay, acres meadow, 11,986; yield, 17,979 tons; value, $116,863. Winter wheat, acres, 61,393; yield, 429,751 bushels; value, $322,237. Oats, acres, 16,417; yield, 443,259 bushels; value, $132,978 Irish potatoes, acres, 503; yield, 31,689 bushels; value, $11,091. Rye, acres, 198; yield, 2,376; value, $1,235. Broom corn, acres, 6; yield, 3 tons; value, $228. Sorghum, acres, 162; yield, 16 200 gallons; value $6,480. Sweet potatoes, acres, 19; yield, 2,850 bushels, value, $1,624. Tobacco, acres, 16; yield, 11,376 pounds; value, $1,138. Timothy seed, bushels, 709; value $957. Clover seed, bushels, 32; value, $160.

Average yield per acre crops past nine years; Corn, 22 bushels; Wheat, 12 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 12.3152; winter wheat, 17.9439; oats, 4.7181; rye, .0569; pastures, 7.7225; meadows, 3.4446; Irish pototatoes, .1445; orchards, .9886; other crops and uncultivated land, 52.9667.

Wheat annually consumed, 82,744 bushels; used for seed, annually, 81,857 bushels, surplus, 265,150 bushels.

FRUIT CROP, 1884.—Apples, bushels, 31,217; value, $17,169. Vineyards: gallons wine, 357; value, $454; pounds grapes, 1,498; value, $75.

DAIRY PRODUCTS.—Fat cattle, number sold, 2,487; gross weight, 2,487,000 pounds; value, $74,610. Fat hogs, number sold, 16,134; gross weight, 3,355,672 pounds; value. $142,624. Fat sheep, number sold, 2,387, gross weight, 238,700 pounds; value $8,354. Wool, pounds, 32,589; value, $8,799.

LIVE STOCK, MAY, 1884.—Number horses, 6,512; foals 1883, 532; number cattle, 10,815; number hogs, 19,439; number sheep, 10,852. Distribution of stock, number to each square mile. Horses, 12; cattle, 20; hogs, 36; sheep 20.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 586; number farms, 1880, 2,626; average size farms, 129 acres; average value lands per acre, 1884, $9.30; taxation per acre, $0.25; value farm products per acre, $3.52; value animal products per acre, $0.72; road and bridge tax, $7,085.

JO DAVIESS COUNTY.

Corn, acres, 51,404; yield, 19,901,948 bushels; value, $703,721. Hay, acres meadow, 44,507; yeild, 77,887 tons; value, $662,039. Winter wheat, acres, 3,433; yield, 85,825 bushels, value, $68,660. Oats, acres, 39,244; yield, 1,648,248 bushels; value, $510,957. Irish potatoes, acres, 1,805; yield, 117,975 bushels; value, $40,111. Rye, acres, 1,633; yield, 24,495 bushels; value, $11,023. Spring wheat, acres, 2,321; yield, 37,136 bushels; value, $27,852. Barley, acres, 463; yield, 1,203 bushels, value, $6,862. Sorghum, acres, 29; yield, 2,320 gallons, value, $1,021, Tobacco, acres, 688; yield, 536,400 pounds, value, $82,732. Flax, acres, 6; yield, 54 bushels seed; value, $63. Buckwheat, acres, 55; yield, 660, value, $515, Timothy seed, bushels, 2,773; value, $3,843. Clover seed, bushels, 759; value, $3,605. Beans, acres, 11; yield, 143 bushels; value, $214.

Average yield per acre crops past nine years; Corn, 37 bushels; Wheat, 18 bushels.

Per cent of area to total acreage in county in 1884: Corn, 13.6124; winter wheat, .9091; spring wheat, .6146; oats, 10 3923; rye, .4 324; pastures, 21.3118; meadows, 11.7860; Irish potatoes, .4806; orchards, .5039; other crops and uncultivated lands, 39.9569.

Wheat annually consumed, 110,136 bushels; used for seed annually, 7,672 bushels; surplus, 5,153 bushels.

FRUIT CROP, 1884.—Apples, bushels, 10,863; value, $9,885; Peaches, bushels, 150; value, $270; Vineyards, gallons wine, 2,907; value, $3,779; pounds grapes, 12,592; value, $635.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 1,800; value, $324; Cream sold, gallons, 19,786; value, $3,364; Butter, pounds sold, 549,997; value, $104,499; Cheese, pounds sold, 3,289; value, $395.

ANIMAL PRODUCTS.—Fat cattle, number sold, 8,756; gross weight, 9,736,672 pounds; value, $418,677; Fat hogs, number sold, 29,958; gross weight, 7,549,416 pounds; value, 332,174, Fat sheep, number sold, 1,898; gross weight, 193,596 pounds; value, $6,969; Wool, pounds; 51,403; value, $8,738.

LIVE STOCK, MAY, 1884.—Number horses, 9,621; foals, 1882, 1,065; number cattle, 38,068; number hogs, 36,694; number sheep, 8,629. Distribution of stock, number to each square mile. Horses, 16; cattle, 64; hogs, 61; sheep, 15.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 14,490; number farms, 1880, 2,529; average size farms, 149 acres; average value lands per acre, 1884, $15.74; taxation per acre, $0.34; value farm products per acre, $8.76; value animal products per acre, $2.32; road and bridge tax, $23,457.

JERSEY COUNTY.

Corn, acres, 34,423; yield, 1,101,536 bushels; value, $275,384. Hay, acres meadow, 10,354; yield, 23,296 tons; value, $163,072 Winter wheat, acres, 53,467; yield, 802,005 bushels; value, $641,604. Oats, acres, 6,147; yield, 245,880 bushels; value, $61,470. Irish potatoes, acres, 447; yield, 62,211 bushels; value, $38,571. Rye, acres, 61; yield, 1,220 bushels; value, $634. Spring wheat, acres 6; yield, 96 bushels; value; $74. Sorghum, acres, 34; yield, 3,400 gallons; value, $1,700. Sweet potatoes, acres, 8; yield, 1,224 bushels; value, $1,065. Tobacco, acres, 1; yield, 711 pounds; value, $78. Timothy seed, bushels, 13; value, $24. Clover seed, bushels, 18; value, $91.

Average yield per acre crops past nine years: Corn, 31 bushels. Wheat, 18 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 14.7591; winter wheat, 22.9243; spring wheat, .0026; oats, 2.6356; rye, .0261; pastures, 9.9240; meadows, 4.4393; Irish potatoes, .2045; orchards, .8961. Other crops and uncultivated land, 44.1884.

Wheat annually consumed, 62,184 bushels; used for seed annually, 71,297 bushels, surplus, 668,620 bushels.

FRUIT CROP, 1884—Apples, 14,104; value, $11,283; Peaches, bushels, 1,272; value, $2,290. Vineyards, gallons wine, 1,606; value, $2,409; pounds grapes, 16,339; value, $817.

DAIRY PRODUCTS, 1884—Gallons milk sold, 79,025; value, $7,902; Cream, gallons sold, 1,630; value, $489; Butter, pounds sold, 70,379; value, $10,557.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,817; gross weight, 1,876,961 pounds; value, $93,848. Fat hogs, number sold, 12,193; gross weight, 3,072,636 pounds; value, $156,704. Fat sheep, number sold, 1,103; gross weight, 137,875 pounds; value, $4,481. Wool, pounds, 41,129; value, $8,226.

LIVE STOCK, MAY, 1884—Number horses, 4,987; foals 1883, 277; number cattle, 7,901; number hogs, 14,690; number sheep, 5,012. Distribution of stock, number to each square mile: Horses, 14; cattle, 22; hogs, 40; sheep, 14.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 43,618; number farms, 1880, 1,515; average size farms, 154 acres; average value lands per acre, 1884, $23.34; taxation per acre, 0 48; value farm products per acre, $7.00; value animal products per acre, $1 21; road and bridge tax, $16,216.

COAL—Number mines, 5; annual capacity, 2,920 tons; price at mines $1.75 per ton; number miners, 12; captal employed, $2,500.

JOHNSON COUNTY.

Corn, acres, 12,716; yield, 534,072 bushels; value, $213,629. Hay, acres meadow, 9,496; yield, 14,244 tons; value, $108,967. Winter wheat, acres, 21,417; yield, 214,170 bushels, value, $142,041. Oats, acres, 2,401; yield, 67,228 bushels; value, $16,807. Irish potatoes, acres, 187; yield, 14,399; value, $4,896. Rye, acres, 20; yield, 300 bushels; value, $156. Sorghum, acres, 142; yield, 15,194 gallons; value, $6,381. Sweet potatoes, acres, 134; yield, 10,050 bushels; value, $5,628. Tobacco, acres, 61; yield, 26,413 pounds; value, $1,585. Timothy seed, bushels, 12; value, $15. Clover seed, bushels, 2,301; value, $13,039.

Average yield per acre crops past nine years: Corn, 27 bushels. Wheat, 11 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 6.0352; winter wheat, 10.1649; oats, 1.1395; rye, .0095; pastures, 2.1885; meadows, 4.5070; Irish potatoes, .0887; orchards, .9241; other crops and uncultivated land, 74.9426.

Wheat annually consumed, 52,316 bushels; used for seed annually, 28,556 bushels; surplus, 133,298.

FRUIT CROP, 1884—Apples, bushels, 12,621; value, 10,980. Peaches, bushels, 7,154; value, $12,877.

DAIRY PRODUCTS—Butter, pounds sold, 2,495; value, $424.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,091; gross weight, 891,347 pounds; value, $24,512. Fat hogs, number sold, 11,745; gross weight, 2,466,450 pounds; value, $97,425. Fat sheep, number sold, 1,386; gross weight, 166,320; value, $4,574. Wool, pounds, 4,757; value, $1,427.

LIVE STOCK, MAY, 1884--Number horses, 2,351; foals, 1883, 183; number cattle, 4,745; number hogs, 14,151; number sheep, 6,200 Distribution of stock, number to each square mile: Horses, 7; cattle, 14; hogs, 43; sheep, 9.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 750; number farms, 1880, 1,875; average size farms, 111 acres; average value lands per acre, 1885, $6 48; taxation per acre, $0.41; value farm products per acre, $3.31; value animal products per acre, $0.61.

KANE COUNTY.

Corn, acres, 52,591; yield, 184,685 bushels; value, $662,647. Hay, acres, meadow, 58,650; yield, 87,975 tons; value, $637,819. Winter wheat, acres, 126; yield, 1,764 bushels; value, $1,411. Oats, acres, 35,053; yield, 1,226,855 bushels; value, $331,251. Irish potatoes, acres, 1690; yield, 177,850 bushels; value, 63,882, Rye, acres, 2,688; yield, 53,760 bushels; value, 29,955. Spring wheat, acres, 411; yield, 6,165 bushels; value, $4,624. Barley, acres, 91; yield, 3,640 bushels; value, 2,075. Flax, acres, 22; yield, 198 bushels seed, value, $232. Buckwheat, acres, 66; yield, 1,386; value, $1,206. Timothy seed, bushels 4,629; value, 5,323. Clover seed, bushels, 252; value, $1,134. Beans, acres, 8; yield, 168 bushels; value, $319.

Average yield per acre crops past nine years: Corn, 35 bushels; Wheat, 19 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 162,752; winter wheat, .0390; spring wheat, .1272; oats, 10,8478; rye, .8318; Pastures, 29.9054; meadows, 18.1503 Irish potatoes, .5230; orchards, .7535; Other crops and uncultivated land, 22.5468.

Wheat annually consumed, 179,824 bushels; used for seed annually, 716 bushels; deficit, 172,611 bushels.

FRUIT CROP, 1884.—Apples, bushels, 25,393; value, $16,045. Vinyards: Gallons wine, 20; value, 26; pounds grapes, 873; value, $44.

DAIRY PRODUCTS, 1884.—Gallons milk sold. 12,949,841; value, 1,683,479, Cream, gallons sold, 20,277; value, $7,705. Butter, pounds sold, 769,702; value, $192,425 Cheese, pounds sold, 617,168; value, $61,717.

ANIMAL PRODUCTS.—Fat cattle, number sold. 10,870; gross weight, 11,685,250 pounds; value, $490,780. Fat hogs, number sold, 21,623; gross weight, 5,405,750 pounds; value, $259,476. Fat sheep, number sold, 1,839; gross weight, 174,705 pounds: value, $6,551. Wool, pounds, 43,940; value, $10,545.

LIVE STOCK, MAY, 1884.—Number horses, 12,130; foals, 1883, 904; number cattle, 47,262; number hogs, 26,052; number sheep, 8,359. Distribution of stock, number to each square mile: Horses 24; cattle, 93; hogs, 51; sheep, 16.

MISCELLANEOUS,—Number feet drain tile laid to January 1, 1884, 1,953,102; number farms, 1880. 3,478: average size farms, 136 acres; average value lands per acre, 1884, $35.42; taxation per acre, $1.10; value farm products per acre, $14.93; value farm animal products per acre, $8.40; road and bridge tax, $582,116.

KANKAKEE COUNTY.

Corn, acres, 79,364; yield, 2,142,828 bushels; value, $599,992. Hay, acres, meadow, 61,749; yield, 92,621 tons; value, $509,415. Winter wheat, acres, 2,432; yield, 34,048 bushels; value, $27,238. Oates, acres, 42,409; yield, 1,569,133 bushels; value, $392,283. Irish potatoes, acres, 1,251; yield, 127,602 bushels; value, $39,557. Rye, acres, 8,416; yield, 126 240 bushels; value, $63,120. Spring wheat, acres, 71; yield, 1,136 bushels; value, $875. Broom corn, acres, 25; yield, 6 tons; value, $1,680. Sorghum, acres, 55; yield, 3,025 gallons; value, $1,512. Tobacco, acres, 26; yield, 18,486 pounds; value, $2,033. Flax, acres, 1,075; yield, 9,675 bushels seed; value, $11,320. Buckwheat, acres, 123; yield, 1,476; value, $989. Timothy seed, bushels, 1,161; value, $1,335. Clover seed, bushels, 1,453; value, $6,248. Beans, acres, 4; yield, 52 bushels; value, $65.

Average yield per acre crops past nine years: Corn, 24 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 18.8431; winter wheat, .5774; spring wheat, .0168; oats, 10.0630; rye, 1 9982; pastures, 14.1703; meadows, 15.6608; Irish potatoes, .2970; orchards, .5879; other crops and uncultivated lands, 38.7795.

Wheat annually consumed, 99,844 bushels; used for seed annually, 2,503 bushels; deficit, 67,997 bushels.

FRUIT CROP, 1884—Apples, bushels, 46,218; value, $37,436. Vineyards: Gallons wine, 95; value, $123; pounds grapes, 4,149; value, $207.

DAIRY PRODUCTS, 1884—Gallons milk sold, 64,362; value, $11,585. Cream, gallons sold, 35,040; value, $16,469. Butter, pounds sold, 267,097; value, $56,088. Cheese, pounds sold, 5,874; value, $764.

ANIMAL PRODUCTS—Fat cattle, number sold, 4,604; gross weight, 5,676,732 pounds; value, $269,645. Fat hogs, number sold, 7,961; gross weight, 1,897,147 pounds; value, $83,129. Fat sheep, number sold, 749; gross weight, 82,390 pounds; value, $3,090. Wool, pounds, 18,166; value, $3,270.

LIVE STOCK, MAY, 1884—Number horses, 7,519; foals, 1883, 767; number cattle, 20,019; number hogs, 9,592; number sheep, 3,407. Distribution of stock, number to each square mile: Horses, 11; cattle, 30; hogs, 14, sheep, 5.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 659,926; number farms, 1880, 2,681; average size farms, 157 acres; average value lands per acre, 1884, $18.62; taxation per acre, $0.57; value farm products per acre, $5.61; value animal products per acre, $1 05; road and bridge tax, $30,843.

COAL—Number mines, 2; annual capacity, 63,000 tons; price at mines, $1.50 per ton; number miners, 300; capital employed, $70,000.

KENDALL COUNTY.

Corn, acres, 58,065; yield, 1,916,145 bushels; value, $574,843. Hay, acres meadow, 30,919; yield, 46,378 tons; value, $217,977. Winter wheat, acres, 78, yield, 1,014 bushels, value, $811. Oats, acres, 31,917; yield, 1,180.929 bushels; value, $307,041. Rye, acres, 1,148; yield, 20,664 bushels; value, $12,398. Spring wheat, 143; yield, 1859, bushels; value, $1,394. Barley, acres, 15; yield, 390 bushels; value, $222. Sorghum, acres, 5; yield, 300 gallons; value, $165. Flax, acres, 6; yield, 54 bushels seed; value, $63. Buckwheat, acres, 18; yield, 252, value, $196. Timothy seed, bushels, 13,886; value, $13,886. Clover seed, bushels, 763; value, $3,391. Beans, acres, 1; yield, 13 bushels; value, $19.

Average yield per acre crops past nine years: Corn, 28 bushels; Wheat, 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 28.0766; winter wheat, .0377; spring wheat, .0691; oats, 15.4331; rye, .5551; pastures, 23 1943; meadows, 14.9506; orchards, 1.5807; other crops and uncultivated land, 16.1029.

Wheat annually consumed, 52,336 bushels; used for seed annually, 295 bushels; deficit, 49,758 bushels.

FRUIT CROP, 1884.—Apples, bushels, 24,549; value, $16,693. Vineyards: pounds grapes, 252; value, $13.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 433,599; value; $43,360. Cream, gallons sold, 18,241; value, $8,573. Butter, pounds sold, 282,405; value, $64,953. Cheese, pounds sold, 24,500; value, $2,695.

ANIMAL PRODUCTS.—Fat cattle, number sold, 4,387; gross weight, 4,716 025 pounds; value, $200,431. Fat hogs, number sold, 17,054; gross weight, 475,906 pounds; value, $197,681. Fat sheep, number sold, 1,356; gross weight, 142,380 pounds; value, $4,983. Wool, pounds, 35,399, value, $7,788.

LIVE STOCK, May, 1884.—Number horses, 6,770; foals 1883, 447; number cattle, 19,076; number hogs, 20,547; number sheep, 6,164;. Distribution of stock, number to each square mile: Horses, 21; cattle 59; hogs, 64; sheep, 19.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 4,224,865; number farms, 1880, 1,471; average size farms, 137 acres, average value lands per acre, 1884, $26.00; taxation per acre, $0.49; value farm products per acre, $8.93; value animal products per acre, $2.56; road and bridge tax, $16,911.

KNOX COUNTY.

Corn, acres, 119,926; yield, 4,077,484 bushels; value, $1,182,470. Hay, acres meadow, 48,424, yield, 96,848 tons; value, $435,816. Winter wheat, acres, 3,353; yield, 67,060 bushels; value, $50,966. Oats, acres, 58,672; yield, 2,346,880 bushels; value, $856,720. Irish potatoes, acres, 1,284; yield, 160,500 bushels; value, $41,730. Rye, acres, 4,217; yield, 59,038 bushels; value, $30,700. Spring wheat, acres, 314; yield, 5,024 bushels; value, $3,868. Broom corn, acres, 864; yield, 432 tons; value, $32,832. Sorghum, acres, 177; yield, 17,700 gallons; value, $10,266. Sweet potatoes, acres, 5; yield, 500 bushels; value, $400. Buckwheat, acres, 6; yield, 120; value, $82. Timothy seed, bushels, 3,192; value, $3,990. Clover seed, bushels, 1,991; value, $7,964. Beans, acres, 7; yield, 91 bushels; value, $136.

Average yield per acre crops past nine years: Corn, 31 bushels; Wheat, 18 bushels.

Per cent. of area to total acreage in county in 1884: Winter wheat, .7477; spring wheat, .0700; oats, 13 0842; rye, .9404; pastures, 26.3411; meadows, 10,7989; Irish potatoes, .2863; orchards, .8637; other crops and uncultivated land, 20.1234.

Wheat annually consumed, 153,440 bushels; used for seed annually, 4,889 bushels; deficit, 86,245 bushels.

FRUIT CROP, 1884—Apples, bushels, 49,072, value, $42,693; Vineyards, pounds grapes, 103; value, $5.

DAIRY PRODUCTS, 1884—Gallons milk sold, 72,185; value, $14,437; Cream sold, gallons, 32,579; value, $15,312; Butter, pounds sold, 289,327; value, $54,972; Cheese, pounds sold, 46,812; value, $7,490.

ANIMAL PRODUCTS—Fat cattle, number sold, 9,080; gross weight, 10,215,000 pounds; value, $485,212; Fat hogs, number sold, 47,655; gross weight, 10,722,375 pounds; value, $498,590; Fat sheep, number sold, 2,602; gross weight, 325,250 pounds; value, $13,010; Wool, pounds, 77,041; value, $16,949.

LIVE STOCK, MAY, 1884—Number horses, 16,413; foals, 1883, 1,863; number cattle, 39,479; number hogs, 57,416; number sheep, 11,829. Distribution of stock, number to each square mile: Horses, 23; cattle, 56; hogs, 82; sheep, 17.

MISCELLANEOUS--Number feet drain tile laid to January 1, 1884, 5,997,442; number farms, 1880, 3,323; average size farms, 135 acres; average value lands per acre, 1884, $31.50; taxation, per acre, $0.54; value farm products per acre, $9.55; value animal products per acre, $2.47; road and bridge tax, $32,969.

COAL--Number mines, 46; annual capacity, 43,467 tons; price at mines, $1.55 per ton; number miners, 252; capital employed, $14,800.

LAKE COUNTY.

Corn, acres, 23,584, yield, 825,400 bushels; value, $330,176. Hay, acres meadow, 47,064; yield, 47,064 tons; value, $360,040. Winter wheat, acres, 351; yield, 7,020 bushels; value, $6,037. Oats, acres, 26,179; yield, 916,265 bushels; value, $274,879. Irish potatoes, acres, 1,410; yield, 142,410 bushels; value, $49,843. Rye, acres, 496; yield, 8,928 bushels; value, $5,000. Spring wheat, acres, 2,289; yield, 41,202 bushels; value, $35,022. Barley, acres, 816; yield, 24,480 bushels; value, $15,667. Sorghum, acres, 37; yield, 5,550 gallons; value, $2,775. Flax, acres, 478; yield, 4,302 bushels seed; value, $6,023. Buckwheat, acres, 36; yield, 684; value, $390. Timothy seed, bushels, 2,033; value, $2,440. Clover seed, bushels, 452; value, $2,034. Beans, acres, 14; yield, 308 bushels; value, $400.

Average yield per acre crops past nine years: Corn, 31 bushels; Wheat, 18 bushels

Per cent or area to total acreage in county in 1884: Corn, 8.2962; winter wheat, .1235; spring wheat, .8052; oats, 9.2091; rye, .1745; pastures, 26.9934; meadows, 16.5559; Irish potatoes, .4960; orchards, 1.2108; other crops and uncultivated land, 36.1354.

Wheat annually consumed, 85,196 bushels; used for seed annually, 3,520 bushels, dificit, 40,494 bushels.

FRUIT CROP, 1884.—Apples, bushels, 60,511; value, $27,230; Vineyards, gallons wine, 56; value, $73; pounds grapes, 1,991; value, $80.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 2,262,296; value, $361,967; value, $361,967; Cream sold, gallons, 245; value, $115; Butter, pounds sold, 593,675; value, $148,419; Cheese, pounds sold, 106,203; value, 10,620.

ANIMAL PRODUCTS.—Fat cattle, number sold, 5,003, gross weight, 5,353,210 pounds, value, $291,750; Fat hogs, number sold, 10,245; gross weight, 254,760 pounds, value, $116,875; Fat sheep, number sold, 12,213; gross weight, 1,221,300 pounds; value, $37,260; Wool, pounds, 251,036; value, $65,269.

LIVE STOCK, MAY, 1884.—Number horses, 6,702; foals, 1883, 630; number cattle, 21,752; number hogs, 12,344; number sheep, 55,513. Distribution of stock, number to each square mile: Horses, 15; cattle, 49; hogs, 28; sheep, 125.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 130,611; number farms, 1880, 2,279; average size farms, 125 acres; average value lands per acre, 1884, $26.06; taxation per acre, $0.38; value farm products per acre, $8.70; value animal products per acre, $3.63; road and bridge tax, $12,055.

LASALLE COUNTY.

Corn, acres, 192,978; yield, 5,982,318 bushels; value, $1,914,342. Hay, acres meadow, 83,259; yield, 124,888 tons; value, $724,350. Winter wheat, acres, 2,549; yield, 48,431 bushels; value, $37,292. Oats, acres, 94,115; yield, 3,482,255 bushels; value, $870,564. Irish potatoes, acres, 2,898; yield, 278,208 bushels; value, $12,797. Rye, acres, 3,051; yield, 51,867 bushels; value, $25,933. Spring wheat, acres, 1,724; yield, 20,688 bushels; value, $13,861. Broom corn, acres, 4; yield, 2 tons; value, $152. Barley, acres, 394; yield, 10,344 bushels; value, $5,896. Sorghum, acres, 78; yield, 6,162 gallons; value, $3,327. Sweet potatoes, acres, 1; yield, 60 bushels; value, $58. Buckwheat, acres, 68; yield, 1,360; value, $748. Timothy seed, bushels, 22,606; value, $42,951. Clover seed, bushels, 1,792; value, $8,243. Beans, acres, 81; yield, 1,053 bushels; value, $1,579.

Average yield per acre crops past nine years: Corn, 27 bushels; Wheat, 18 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 27.0950; winter wheat, .3579; spring wheat, .2420; oats, 13.2142; rye, .4284; pastures, 14.9027; meadows, 11.6899; Irish potatoes, .4069; orchards, .9052; other crops and uncultivated land, 30.7578.

Wheat annually consumed, 281,680 bushels; used for seed annually, 5,697 bushels; deficit, 218,258 bushels.

FRUIT CROP, 1884—Apples, bushels, 72,663; value, $51,591; Peaches, bushels, 10; value, $18. Vineyards: gallons wine, 91; value, $273; pounds grapes, 4,189; value, $209.

DAIRY PRODUCTS, 1884—Gallons milk sold, 304,990; value, $70,148. Cream, gallons sold, 7,470; value, $4,458. Butter, pounds sold, 611,226; value, $116,133. Cheese, pounds, sold, 3,682; value, $405.

ANIMAL PRODUCTS—Fat cattle, number sold, 12,039; gross weight, 14,025,435 pounds; value, $708,284. Fat hogs, number sold, 51,644; gross weight, 15,544,844 pounds; value, $792,787. Fat sheep, number sold, 2,675; gross weight, 302,275 pounds; value, $11,335. Wool, pounds, 71,571; value, $15,746.

LIVE STOCK, MAY, 1884—Number horses, 25,947; foals, 1883, 2,987; number cattle, 52,344; number hogs, 62,222; number sheep, 12,158 Distribution of stock, number to each square mile: Horses, 23; cattle, 47; hogs, 56; sheep, 11.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 11,021,796; number farms, 1880, 4,982; average size farms, 143 acres; average value lands per acre, 1884, $27.76; taxation per acre, $0 80: value farm products per acre, $8.38; value animal products per acre, $2.41; road and bridge tax, $93,038.

COAL—Number mines, 33; annual capacity, 1,064,384 tons; price at mines, $1.63 per ton; number miners, 2,129; capital employed, $1,031,800.

LAWRENCE COUNTY.

Corn, acres, 27,421; yield, 603,262 bushels; value, $180,979. Hay, acres, meadow, 12,924; yield, 19,386 tons; value, $87,237. Winter wheat, acres, 37,717; yield, 377,170 bushels; value, $282,877. Oats, acres, 6,609; yield, 158,616 bushels; value, 39,654. Irish potatoes, acres, 231; yield, 13,167 bushels; value, 4,872. Rye, acres, 222; yield, 3,330; value, $1,732. Spring wheat, acres, 10; yield, 160 bushels; value, $123. Broom corn, acres, 11; yield, 5 tons; value, $380. Barley, acres, 80; yield, 2,240 bushels; value, $1,120. Sorghum, acres, 195; yield, 11,115 gallons; value, $4,224. Sweet potatoes, acres, 33; yield, 2,046 bushels; value, $1,432. Tobacco, acres, 1; yield, 711 pounds; value, $78. Buckwheat, acres, 74; yield, 962; value, $500. Timothy seed, bushels, 622; value, $684. Clover seed, bushels, 6,447; value, $27,527. Beans, acres, 76; yield, 684 bushels; value, 752.

Average yield per acre crops past nine years: Corn, 21 bushels; Wheat, 12 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 11.8413; winter wheat, 16 2874; spring wheat, .0043; oats, 2.8540; rye, .0959; pastures, 11.5805; meadows, 5.5810; Irish potatoes, .0997; orchards, .9828; other crops and uncultivated land, 50.6731.

Wheat annually consumed, 54,652 bushels; used for seed annually, 50,303 bushels; surplus, 272,375 bushels.

FRUIT CROP, 1884—Apples, bushels, 40,172; value, $36,958. Peaches, bushels, 659; value, $329. Vineyards: gallons wine, 54; value, $70; pounds grapes, 6,569; value, $263.

DAIRY PRODUCTS, 1884—Gallons milk sold, 2,761; value, $337. Cream, gallons sold, 60; value, $27. Butter, pounds sold, 69,914; value, $9,788.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,002; gross weight, 1,967,966 pounds; value, $73,799. Fat hogs, number sold, 10,813; gross weight, 1,924,714 pounds; value, $83,725. Fat sheep, number sold, 2,029; gross weight, 247,538 pounds, value, $9,283. Wool pounds, 42,788; value, $9,413.

LIVE STOCK, MAY, 1884—Number horses, 4,302; foals, 1883, 249; number cattle, 8,703; number hogs, 13,028; number sheep, 9,224. Distribution of stock, number to each square mile: Horses, 12; cattle, 24; hogs, 36; sheep, 25.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 60,693; number farms, 1880, 1,751, average size farms, 131 acres; average value lands per acre, 1884, $11.18; taxation per acre, $0.24; value farm products per acre, $4.09; value animal products per acre, $0.80; road and bridge tax, $7,952.

LEE COUNTY.

Corn, acres, 140,146; yield, 4,204,380 bushels; value, $1,261,314. Hay, acres meadow, 73,329; yield, 183,322 tons; value, $1,026,603. Winter wheat, acres, 200; 3,200 bushels; value, $2,560. Oats, acres, 56,525; yield, 2,261,000 bushels; 542,640. Irish potatoes, acres, 2,711; yield, 149,105 bushels, value, $62.624. Rye, acres, 2,992; yield, 44,880 bushels; value, $23,338. Spring wheat, acres, 5,200; yield, 93,600 bushels; value, $72,072. Barley, acres, 2,116; yield, 55,016 bushels; value, $31,359. Sweet potatoes, acres, 11, yield, 1,034 bushels; value, $827. Tobacco, acres, 75; yield, 53,325 pounds; value $5,866. Buckwheat, acres, 21; yield, 231; value, $155. Timothy seed, bushels, 41,000; value $51,250 Clover seed, bushels, 8,550; value, $38,475. Beans, acres, 5; yield, 150 bushels; value, $225.

Average yield, per acre crops past nine years: Corn, 30 bushels; Wheat, 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 30.0408; winter wheat, .0428; spring wheat, 1.1146; oats, 12.1163; rye, .6413; pastures, 15.8664; meadows, 15.7183; Irish potatoes, .5811; orchards, .8868; other crops and uncultivated land, 22.9916.

Wheat annually consumed 109,976 bushels, used for seed annually 7,200 bushels, deficit 30,976 bushels.

FRUIT CROP, 1884.—Vineyards: pounds grapes, 80,000; value, $4,000.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 289,680; value, $52,142. Cream, gallons sold, 78,750; value $47,250. Butter, pounds sold, 1,009,800; value, $522,156. Cheese, pounds sold, 57,000; value, $7,410.

ANIMAL PRODUCTS.—Fat cattle, number sold, 8,390; gross weight, 9,229,000; value, $401,461. Fat hogs, number sold, 25,804; gross weight, 7,044,492 pounds; value, $341,658. Fat sheep, number sold, 1,369; gross weight, 130,155 pounds; value, $4,552. Wool, pounds, 35,000; value, $7,000.

LIVE STOCK, MAY, 1884.—Number horses, 11,995; number cattle, 36,480; number hogs, 31,089; number sheep, 6,222. Distribution of stock, number to each square mile: Horses, 16; cattle, 50; hogs, 43; sheep, 8.

MISCELLANEOUS.—Number feet drain tile laid to January, 1884, 4,340; number farms, 1880, 3,082; average size farms, 148 acres; average lands per acre 1884, $22.18; taxation, per acre, $0.72; value farm products per acre, $9.55; value animal products per acre, $2.32; road and bridge tax, $33,990.

LIVINGSTON COUNTY.

Corn, acres, 233,762; yield, 5,844,050 bushels; value, $1,461,012. Hay, acres meadow, 82,876; yield, 165,752 tons; value, $828,760. Winter wheat, acres, 754; yield, 10,556 bushels; value, $8,022; Oats, acres, 110,907; yield, 4,103,559 bushels; value, $902,783; Irish potatoes, acres, 3,651; yield, 211,758 bushels; value, $57,175; Rye, acres, 5,135; yield, 107,835 bushels; value, $56,074; Spring wheat, acres, 68; yield, 1,088 bushels; value, $838; Broom corn, acres, 41; yield, 20 tons; value, $1,520; Barley, acres, 54; yield, 1,408 bushels; value, $802; Sorghum, acres, 121; yield, 9,680 gallons; value, $3,872; Sweet potatoes, acres, 1; yield, 87 bushels; value, $130; Flax, acres, 3,914; yield, 35,226 bushels seed; value, $41,214. Buckwheat, acres, 47; yield, 517; value, $388; Timothy seed, bushels, 10,549; value, $12,331. Clover seed, bushels, 790; value, $2,172; Beans, acres, 10; yield, 130 bushels; value, $227.

Average yield per acre crops past nine years: Corn, 23 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 33.6887; winter wheat, .1151; spring wheat, .0104; oats, 16.9313; rye, .1839; pastures, 156.222; meadows, 12.6520; Irish potatoes, .5574; orchards, .7712; other crops and uncultivated land, 16,8698.

Wheat annually consumed, 153,800 bushels; used for seed annually, 1,096 bushels; deficit, 143,252 bushels.

FRUIT CROP, 1884—Apples, bushels, 50,194; value, $28,610. Vineyards: gallons wine, 1,580, value, $2,054; pounds grapes, 1,824; value, $91.

DAIRY PRODUCTS, 1884--Gallons milk sold, 29,251; value, $1,755; Cream sold, gallons, 12,379; value, $4,952; Butter, pounds sold, 607,765; value, $115,475; Cheese, pounds sold, 325; value, $45

ANIMAL PRODUCTS—Fat cattle, number sold, 7,899; gross weight, 9,478,800 pounds; value, $388,631; Fat hogs, number sold, 48,722; gross weight, 12,570,276 pounds; value, $597,088. Fat sheep, number sold, 1,548; gross weight, 178,020 pounds; value, $6,676; Wool, pounds, 31,274; value, $7,506.

LIVE STOCK, MAY, 1884—Number horses, 22,141; foals, 1883, 2,389; number cattle, 34,343; number hogs, 58,701; number sheep, 7,036; Distribution of stock, number to each square mile: Horses, 22; cattle, 33; hogs, 57; sheep, 7.

MISCELLANEOUS--Number feet drain tile laid to January 1, 1884, 8,183,969; number farms, 1880, 5,261; average size farms, 124 acres; average value lands per acre, 1884, $21.40; taxation per acre, $0.47; value farm products per acre, $7.47; value animal products per acre, $1.51; road and bridge tax, $48,478.

COAL—Number mines, 12; annual capacity, 201,095 tons; price at mines, $1.51 per ton; number miners, 473; capital employed, $111,200.

LOGAN COUNTY.

Corn, acres, 162,177; yield, 4,054,425 bushels; value, $1,054,150. Hay, acres, meadow, 18,122; yield, 36,244 tons; value, $188,469. Winter wheat, acres, 32,455; yield, 486,825 bushels; value, $365,119 Oats, acres, 36,744; yield, 1,175,808 bushels; value, $235,162. Irish potatoes, acres, 1,220; yield, 101,260 bushels; value, $28,353. Rye, acres, 1,627; yield, 32,540 bushels; value, $14,643. Spring wheat, acres, 711; yield, 11,376 bushels, value $8,759. Sorghum, acres, 77; yield, 11,550 gallons; value, $4,966. Sweet potatoes, acres, 74; yield, 6,956 bushels; value, $6,052. Timothy seed, bushels, 367; value, $642. Beans, acres, 1; yield, 13 bushels; value, $26.

Average yield per acre crops past nine years: Corn, 32 bushels; Wheat, 17 bushels.

Per cent of area to total acreage in county in 1884: Corn 41.2844; winter wheat, 8.2619; spring wheat, .1805; oats, 9.3537; rye, .4142; pastures, 17.2243; meadows, 4.6132; Irish potatoes, .3106; orchards, .6303; other crops and uncultivated land, 17.7269.

Wheat annually consumed, 100,164 bushels; used for seed annually, 44,221 bushels; surplus, 353,816 bushels.

FRUIT CROP, 1884.—Apples, bushels, 30,955; value, $30,955. Peaches, bushels, 31; value, $56. Vineyards, pounds grapes, 2081; value, $83.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 45,903; value, $10,099; Cream, gallons sold, 349; value, $164. Butter, pounds sold, 130,311; value, $22,153.

ANIMAL PRODUCTS.—Fat cattle, number sold, 4,108; gross weight, 5,340,400 pounds; value, $267,020. Fat hogs, number sold, 35,178; gross weight, 8,794,500 pounds; value, $426,533. Fat sheep, number sold, 1,486; gross weight, 148,600 pounds; value, $5,944. Wool pounds, 41,261; value, $8,252.

LIVE STOCK, MAY, 1884.—Number horses, 11,328; foals, 1883, 1,161; number cattle, 17,860; number hogs, 42,383; number sheep, 6,756; Distribution of stock, number to each square mile: Horses, 18; cattle, 29; hogs, 69; sheep, 11

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 7,185,533; number farms, 1880, 2,585; average size farms, 152; acres average value lands per acre, 1884, $29.64; taxation per acre, $0.69; value farm products per acre, $7.51; value animal products per acre, $1.88: road and bridge tax, $41,159.

COAL.—Number mines, 4; annual capacity, 118,800 tons; price at mines, $1.35 per ton; number miners, 184; capital employed $142,500.

MACON COUNTY.

Corn, acres, 124,176; yield, 4,718,688 bushels; value, $1,274,046 Hay, acres meadow, 28,413; yield, 49 723 tons; value, $273,476. Winter wheat, acres, 29,467; yield, 353,604 bushels; value, $272,275. Oats, acres, 40,113; yield, 1,323,729 bushels; value, $291,220. Irish potatoes, acres, 1,081; yield, 175,122 bushels; value, $50,785; rye, acres, 470; yield, 5,640 bushels; value, $2,933. Spring wheat, acres, 39; yield, 624 bushels; value, $480. Broom corn, acres, 5; yield, 2 tons; value, $152. Sorghum, acres, 32; yield, 6,400 gallons; value, $3,008. Sweet potatoes, acres, 12; yield, 1,128 bushels; value, $1,038. Timothy seed, bushels, 1,868; value, $2,522. Clover seed, bushels, 806; value, $3,828. Beans, acres, 2; yield, 26 bushels; value, $42.

Average yield per acre crops past nine years; Corn, 31 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 33.8102; winter wheat, 8.0231; spring wheat, .0106; oats, 10.9218; rye, .1280; pastures, 16.4417; meadows, 7.7361; Irish potatoes, .2943; orchards, .9976; other crops and uncultivated land, 21.6366.

Wheat annually consumed, 122,684 bushels; used for seed annually, 39,341 bushels; surplus, 192,203 bushels.

FRUIT CROP, 1884—Apples, bushels, 114,282; value, $105,139. Vineyards: gallons wine, 1,110; value, $1,443; pounds grapes, 5,068; value, $304.

DAIRY PRODUCTS, 1884—Gallons milk sold, 4,777; value, $764. Cream, gallons sold, 6,574; value, $4,930. Butter, pounds sold, 194,132; value, $34,944. Cheese, pounds sold, 48; value, $7.

ANIMAL PRODUCTS—Fat cattle, number sold, 4,522; gross weight, 5,607,280 pounds; value, $288,775. Fat hogs, number sold, 34,523; gross weight, 8,250,997 pounds; value, $317,363. Fat sheep, number sold, 1,736; gross weight, 170,128 pounds; value, $6,635. Wool, pounds, 43,640; value, $8,292.

LIVE STOCK, MAY, 1884—Number horses, 12,057; foals, 1883, 1,198; number cattle, 19,661; number hogs, 41,594; number sheep, 7,890. Distribution of stock, number to each square mile: Horses, 21; cattle, 34; hogs, 72; sheep, 14.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 10,384,261; number farms, 1880, 2,872; average size farms, 127 acres; average value of lands per acre, 1884, $29.66; taxation per acre, $0.70; value farm products per acre, $8.88; value animal products per acre, $1.80; road and bridge tax, $40,900.

COAL—Number mines, 2; annual capacity, 120,470 tons; price at mines, $1.36 per ton; number mines, 175; capital employed, $115,000.

MACOUPIN COUNTY.

Corn, acres, 91,316; yield, 3,196,060 bushels; value, $849,897. Hay, acres meadow, 33,850; yield, 50,775 tons; value, $253,875. Winter wheat, acres, 99,277; yield, 1,092,047 bushels; value, $797,194. Oats, acres, 22,818; yield, 730,176 bushels; value, $167, 940. Irish potatoes, acres, 662; yield, 82,750 bushels; value, $24,825. Rye, acres, 192; yield, 2,304 bushels; value, $1,037. Broom corn, acres, 57; yield, 28 tons; value, $2,128. Sorghum, acres, 124; yield, 12,400 gallons; value, $6,820. Sweet potatoes, acres, 7; yield, 658 bushels; value, $822. Tobacco, acres, 2; yield, 1,422 pounds; value, $156. Buckwheat, acres, 17; yield, 272; value, $185. Timothy seed, bushels, 2,036; value, $2,545. Clover seed, bushels, 2,231; value, $10,151. Beans, acres, 4; yield, 52 bushels; value, $83.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884; Corn, 16.8102; winter wheat, 18.2757; oats, 4.2005; rye, .0353; pastures, 15.0371; meadows, 6,2314; Irish potatoes, .1219; orchards, .9589; other crops and uncultivated land, 38,3290.

Wheat annually consumed, 150,820 bushels; used for seed annually, 132,369 bushels; surplus, 808,858 bushels.

FRUIT CROP, 1884—Apples, bushels, 87,198; value, $59,295; Vineyards: pounds grapes, 501; value, $25.

DAIRY PRODUCTS, 1884—Gallons milk sold, 344,048; value, $61,929; Cream sold, gallons, 2,556; value, $1,201; Butter, pounds sold, 154,143; value, $23,121; Cheese, pounds sold, 6,218; value, $808.

ANIMAL PRODUCTS—Fat cattle, number sold, 5,813; gross weight, 5,813,000 pounds; value, $290,650; Fat hogs, number sold, 35,713; gross weight, 7,142,600 pounds; value, $321,417; Fat sheep, number sold, 4,158; gross weight, 395,010 pounds; value, $13,825; Wool, pounds, 100,817; value, $22,180.

LIVE STOCK, MAY, 1884—Number horses, 15,904; foals 1883, 1,300; number cattle, 25,274; number hogs, 43,628; number sheep, 18,899; Distribution of stock, number to each square mile: Horses, 19; cattle, 30; hogs, 51; sheep, 22.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 763,245; number farms, 1880, 4,044; average size farms, 134 acres; average value lands per acre, 1884, $27.88; taxation per acre, $0.63; value farm products per acre, $4.82; value animal products per acre, 1.35 road and bridge tax, $40,408.

COAL—Number mines, 23; annual capacity, 1,164,409 tons; price at mines, $1.06 per ton; number miners, 1,510; capital employed, $1,045,900.

MADISON COUNTY.

Corn, acres, 75,922; yield, 2,885,036 bushels; value, $923,211. Hay, acres meadow, 24,941; yield, 43,647 tons; value, $305,529. Winter wheat, acres, 116,752; yield, 1,284,272 bushels; value $1,027,418. Oats, acres, 17,873; yield, 536,190 bushels; value, $134,047. Irish potatoes, acres, 9,753; yield, 799,746 bushels; value, $303,903. Rye, acres, 480; yield, 9,600 bushels; value, $4,800. Sorghum, acres, 107; yield, 8,560 gallons; value, $3,852. Sweet potatoes, acres, 85; yield, 2,975 bushels; value, $2,439 Tobacco, acres, 2; yield, 1,422 pounds; value, $ 56. Buckwheat, acres, 3; yield, 30; value, $22. Timothy seed, bushels, 70; value, $145. Clover seed; bushels, 1,157; value, $6,363. Beans, acres, 2; yield, 10 bushels; value, $19.

Average yield per acre crops past nine years: Corn, 32 bushels; Wheat, 16 bushels

Per cent. of area to total acreage in county in 1884: Corn, 16.9237; winter wheat, 26.0250; oats, 3.9840; rye, .1068; pastures, 10.3059; meadows, 5 5595; Irish potatoes, 2.1740; orchards, 2.5982; other crops and uncultivated land, 32.3199.

Wheat annually consumed, 200,564 bushels; used for seed annually, 155,669 bushels; surplus, 928,039 bushels.

FRUIT CROP, 1884--Apples, bushels, 37,128; value, $17,450: peaches, bushels, 19,241; value, $19,241. Vineyards: gallons wine, 3,645; value, $2,369: pounds grapes, 14,101; value, $564.

DAIRY PRODUCTS, 1884—Gallons milk sold, ,62,571; value, $44,637, Cream, gallons sold, 3,445; value, $3,445. Butter, pounds, sold, 188,809; value, $41,538. Cheese, pounds sold, 2,168; value, $2,382.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,878; gross weight, 2,446,300 pounds; value, $94,182. Fat hogs, number sold, 25,490; gross weight, 6,882,300 pounds; value, $282,174. Fat sheep, number sold, 2,199; gross weight, 208,995 pounds; value, $5,431. Wool, pounds, 55,469; value, $9,984.

LIVE STOCK, MAY, 1884—Number horses, 9,859; foals, 1883, 737; number cattle, 12,515; number hogs, 30,711; number sheep, 9,995. Distribution of stock, number to each square mile: Horses, 14; cattle, 18; hogs, 44; sheep, 14.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 84,600; number farms, 188,, 3,810; average size farms, 118 acres; average value lands per acre, 1884, $35.46; taxation per acre, $0.81; value farm products per acre, $7.74; value animal products per acre, $1.08; road and bridge tax, $44,596.

COAL—Number, mines, 29; annual capacity, 560,636 tons; priee at mines, $1.05 per ton; number miners, 833; capital employed, $499,650.

MARION COUNTY.

Corn, acres, 39,301; yield, 510,913 bushels; value, $189,038. Hay, acres meadow, 24,890; yield, 31,112 tons; value, $155,560. Winter wheat, acres, 39,845 bushels; yield, 318,760; value, $191,255. Oats, acres, 23,606; yield, 703,180 bushels; value, $177,045. Irish potatoes, acres, 236; yield, 15,812 bushels; value, $5,534. Rye, acres, 277; yield, 4,155 bushels; value, $2,161. Spring wheat, acres, 3; yield, 48 bushels; value, $37. Broom corn, acres, 4; yield, 2 tons; value, $152. Barley, acres, 2; yield, 52 bushels; value, $30. Sorghum, acres, 258; yield, 15,480 gallons; value, $6,191. Sweet potatoes, acres, 6; yield, 480 bushels; value, $360. Tobacco, acres, 12; yield, 8,490 pounds; value, $840. Buckwheat, acres, 21; yield, 336; value, $228. Timothy seed, bushels, 2,362; value, $3,307. Clover seed, bushels, 97; value, $441. Beans, acres, 32; yield, 416 bushels; value, $832.

Average yield per acre crops past nine years: Corn, 19 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 11.4886; winter wheat, 11.6476; spring wheat, .0009: oats, 6.9006; rye, .0810; pastures, 9.1143; meadows, 7.2759; Irish potatoes, .0690; orchards, 1.7469; other crops and uncultivated land, 51.6752.

Wheat annually consumed, 95,764 bushels; used for seed annually, 53,131 busheis; surplus, 170,913.

FRUIT CROP, 1884—Apples, bushels, 75,002; value, $33,751. Peaches, bushels, 1,323; value, $2,381. Vineyards: pounds grapes, 615; value, $31.

DAIRY PRODUCTS, 1884—Gallons milk sold, 7,400; value, $1,480. Butter, pounds, sold, 82,756; value, $16,551. Cheese, pounds sold, 486; value, $58.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,611; gross weight, 2,219,350 pounds; value, $88,774. Fat hogs, number sold, 14,023; gross weight, 2,243,680 pounds; value, $89,747. Fat sheep, number sold, 2,748; gross weight, 277,548 pounds; value, $19,159. Wool, pounds, 52,621; value, $14,706.

LIVE STOCK, MAY, 1884—Number horses, 7,295; foals, 1883, 298; number cattle, 11,351; number hogs, 16,895; nnmber sheep, 12,491. Distribution of stock, number to each square mile: Horses, 14; cattle, 21; hogs, 32; sheep, 23.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 952; number farms, 1880, 2,686; average size farms, 126 acres; average value lands per acre, 1884, $11.14; taxation per acre, $0.29; value farm products per acre, $3.02; value animal products per acre, $0.64; road ann bridge tax, $12,985.

COAL—Number mines, 2; annual eapacity, 109,000 tons; priee at mines, $1.00 per ton; number miners, 200; eapital employed, $60,000.

MARSHALL COUNTY.

Corn, acres, 80,006; yield, 2,560,000 bushels; value $665,600. Hay, acres meadow, 28,800; yield, 50,400 tons; value, $252,000. Winter wheat, acres, 600; yield, 10,800 bushels; value, $8,208. Oats, acres, 34,000; yield, 1,428,000 bushels; value, $328,440. Irish potatoes, acres, 1000; yield, 127,000 bushels; value, 38,100. Rye, acres, 3,000; yield, 45,000 bushels; value, $23,850. Spring wheat, acres, 100; yield, 2,000 bushels; value, $1,540. Barley, acres, 100; yield, 2,600 bushels; value, $1,482 Sorghum, acres, 45; yield, 9,000 gallons; value, $4,500. Sweet potatoes, acres, 5; yield, 375 bushels; value, $375. Buckwheat, acres, 100; yield, 1,500; value, $1,020. Timothy seed, bushels, 1,200; value, $1,380. Clover seed, bushels, 648; value, $2,981. Beans, acres, 20; yield, 300 bushels; value, $825.

Average yield per acre crops past nine years: Corn, 31 bushels; Wheat, 17 bushels.

Per cent of area to total acreage in county in 1884: Corn, 32.2619; winter wheat, .2419; spring wheat, .0403; oats, 13.7113; rye, 1.2098; pastures, 18.1479; meadows, 11.6143; Irish potatoes, .3033; orchards, 1.3535; other crops and uncultivated land, 21.0158.

Wheat annually consumed, 60,144 bushels; used for seed annually, 933 bushels; deficit, 48,277 bushels.

FRUIT CROP, 1884,—Vineyards: pounds grapes, 1,079; value, $65.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 37,240; value, $6,703. Cream sold, gallons, 1532; value, $720. Butter, pounds sold, 89,226; value, $11,599. Cheese, pounds sold, 16,200; value, $1,944.

ANIMAL PRODUCTS.—Fat cattle, number sold, 3,484; gross weight, 4,093,700 pounds; value, $216,966. Fat hogs, number sold, 23,257; gross weight, 6,232,876 pounds; value, $320,993. Fat sheep, number sold, 1,718; gross weight, 146,115 pounds; value, $4,383. Wool, pounds, 44,758; value, $5,371.

LIVE STOCK, MAY, 1884.—Number horses, 7,037; foals, 1883, 561; number cattle, 15,198; number hogs, 28,021; number sheep, 7,812. Distribution of stock, number to each square mile: Horses, 18; cattle, 39; hogs, 72; sheep, 20.

MISCELLANEOUS.—Number feet drain tile laid to January, 1, 1884, 1,883,055; number farms, 1880, 1,600; average size farms, 155 acres; average value lands per acre, 1884, $25.02; taxation per acre, $0,46; value farm products per acre, $8.31; value animal products per acre, $2.29; road and bridge tax, $17, 293.

COAL.—Number mines, 17; annual capacity, 21,576 tons; price at mines, $1.51 per ton; number miners, 108; capital employed $32,280.

MASON COUNTY.

Corn, acres, 43,675; yield, 1,004,525 bushels; value, $261,176. Hay, acres meadow, 2,876; yield, 4,314 tons; value, $27,394. Winter wheat, acres, 10,212; yield, 163,392 bushels; value, $122,544. Oats, acres, 7,315; yield, 204,820 bushels; value, $40,964. Irish potatoes, acres, 213; yield, 21,300 bushels; value, $6,390. Rye, acres, 3,016; yield, 45,240 bushels; value, $23,525. Barley, acres, 35; yield, 910 bushels; value, $519. Sweet potatoes, acres, 23, yield, 2,300 bushels; value, $1,725. Buckwheat, acres, 63; yield, 1,008; value, $685.

Average yield per acre crops past nine years: Corn, 19 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 12.2267; winter wheat, 2.8588; spring wheat, .2385; oats, 2.0478; meadows, .8051; other crops and uncultivated land, 81.8232.

Wheat annually consumed, 64,976 bushels; used for seed annually, 14,752 bushels; surplus, 59,844 bushels.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,517; gross weight, 1,618,639 pounds; value, $76,885; Fat hogs, number sold, 10,548; gross weight, 2,229,816 pounds; value, $105,916; Fat sheep, number sold, 135; gross weight, 13,500 pounds; value, $405.

LIVE STOCK, MAY, 1884—Number horses, 4,319; number cattle, 6,597; number hogs, 12,673; number sheep, 616; Distribution of stock, number to each square mile: Horses, 8; cattle, 12, hogs, 23; sheep, 1.

MISCELLANEOUS—Number farms, 1880, 1,828; average size farms, 192 acres; average value lands per acre, 1884, $16.70; taxation per acre, $0.42; value farm products per acre, $1.88; value animal products per acre, $0.51; road and bridge tax, $16,439.

MASSAC COUNTY.

Corn, acres, 10,876; yield, 369,784 bushels; value, $136,820. Hay, acres meadow, 4,291; yield, 5,364 tons; value, 50,153. Winter wheat, acres, 19,002; yield, 228,024 bushels; value, $182,419. Oats, acres, 1,558; yield, 43,624 bushels; value, $15,268. Irish potatoes, acres, 313, yield, 23,162 bushels; value, $8,570. Rye, acres, 41; yield, 328 bushels; value, $170. Spring wheat, acres, 852; yield, 8,520 bushels; value, $6,560. Sorghum, acres, 184; yield, 20,240 gallons; value, $7,691. Sweet potatoes, acres, 18; yield, 2,196 bushels; value, $1,054. Tobacco, acres, 78; yield, 50,700 pounds; value, $3,042. Clover seed, bushels, 95; value, $427.

Average yield, per acre crops past nine years: Corn, 27 bushels; Wheat, 13 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 7.3968; winter wheat, 12.7486; oats, 1.0453; rye, .0275; pastures, 1.5424; meadows, 2.8789; Irish potatoes, .2100; orchards, .8769; other crops and uncultivated land, 73.3736.

Wheat annually consumed, 41,772 bushels; used for seed annually, 25,336 bushels; surplus, 160,916 bushels.

FRUIT CROP, 1884—Apples, bushels, 5,483; value, $5,209; Peaches, bushels, 430; value, $430.

DAIRY PRODUCTS, 1884—Gallons milk sold, 50; value, $20. Butter, pounds sold, 57,306. value, $12,034. Cheese, pounds sold, 50; value, $7.

ANIMAL PRODUCTS—Fat cattle, number sold, 729; gross weight, 637,875 pounds; value, $20,731. Fat hogs, number sold, 3,422; gross weight, 1,444,950 pounds; value, $53,463. Fat sheep, number sold, 285; gross weight, 27,075 pounds; value, $677. Wool, pounds, 3,678; value, $1,361.

LIVE STOCK, MAY, 1884—Number horses, 1,238; foals, 1883, 100; number cattle, 3,170; number hogs, 7,737; number sheep, 1,294. Distribution of stock, number to each square mile: Horses, 5; cattle, 14; hogs, 33; sheep, 5.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 550; number farms, 1880, 935; average size farms, 159 acres; average value lands per acre, 1884, $7.46; taxation per acre, $0.26; value farm products per acre, $3.45; value animal products, per acre, $0.59; road and bridge tax, $1,757.

McDONOUGH COUNTY.

Corn, acres, 76,882; yield, 3,075,280 bushels: value, $738,067. Hay, acres meadow, 22,813; yield, 45,626 tons, value, $228,130. Winter wheat, acres, 10,212; yield, 183,816 bushels; value, $137,862. Oats, acres, 34,700; yield, 1,214,500 bushels; value, $607,250. Irish potatoes, acres, 550; yield, 82,500 bushels; value, $22,275. Rye, acres, 10,464; yield, 209,280 bushels; value, $104,640. Spring wheat, acres, 627; yield, 10,032 bushels; value, $7,725. Broom corn, acres, 25; yield, 12 tons; value, $912. Barley, acres, 10; yield, 260 bushels; value, $148. Sorghum, acres, 111; yield, 20,758 gallons; value, $10,378. Sweet potatoes, acres, 2; yield, 200 bushels; value, $174. Tobacco, acres, 1; yield, 711 pounds; value, $78. Flax, acres, 120; yield, 1,080 bushels seed; value, $1,264. Buckwheat, acres, 13; yield, 1,052; value, 664. Timothy seed, bushels, 2,309; value, 2,886. Clover seed, bushels, 605; value, $2,420.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 21.0224; winter wheat, 2.7923; spring wheat, .1714; oats, 9.4883; rye, 2.8612; pastures, 13.6423; meadows, 6.2379; Irish potatoes, .1504; orchards, .8887; other crops and uncultivated land, 42.6551.

Wheat annually consumed, 111,036 bushels; used for seed annually, 14,452 bushels; surplus, 67,460.

FRUIT CROP, 1884—Apples, bushels, 22,162; value, 19,281. Peaches, bushels, 235; value, $423. Vineyards: gallons wine, 160; value, $240; pounds grapes, 2,834; value, $85.

DAIRY PRODUCTS, 1884—Gallons milk sold, 20,051; value, $3,409. Cream, gallons sold, 9,773; value, $4,593. Butter, pounds sold, 126,618; value, $25324. Cheese, pounds sold, 150; value, $24.

ANIMAL PRODUCTS—Fat cattle, number sold, 6,062; gross weight, 7,425,950 pounds; value, $297,038. Fat hogs, number sold, 37,869; gross weight, 8,028,228 pounds; value, $37,185. Fat sheep, number sold, 2,310; gross weight, 233,310 pounds; value, $6,999. Wool, pounds, 35,420; value, $8,147.

LIVE STOCK, MAY, 1884—Number horses, 13,002; foals, 1883, 1,440; number cattle, 26,356; number hogs, 45,626; number sheep, 10,499. Distribution of stock, number to each square mile: Horses, 23; cattle, 46; hogs, 80; sheep, 18.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 1,601,940; number farms, 1880, 2,981; average size farms, 122 acres; average value lands per acre, 1884, $27.92; taxation per acre, $0.46; value farm products per acre, $7.69; value animal products per acre, $1.98; road and bridge tax, $21,839.

COAL—Number mines, 62; annual capacity, 113,937 tons; price at mines, $1.63 per ton; number miners, 630; capital employed, $48,300.

McHENRY COUNTY.

Corn, acres, 56,546; yield, 2,205,294 bushels: value, $838,012. Hay, acres meadow, 59,947; yield, 104,907 tons; value, $629,442. Winter wheat, acres, 629; yield, 16,354 bushels; value, $14,391. Oats, acres, 39,092; yield, 1,640,604 bushels; value, $492,181. Irish potatoes, acres, 1,994; yield, 315,052 bushels; value, $119,720. Rye, acres, 1,368; yield, 34,200 bushels; value, $20,520. Spring Wheat, acres, 3,729; yield, 67,122 bushels; value, $57,054. Barley, acres, 1,558; yield, 45,182 bushels, value, $27,109. Sorghum, acres, 36; yield, 4,896 gallons; value, $2,350. Flax, acres, 24; yield, 288 bushels seed; value, $360. Buckwheat, acres, 210; yield, 4,830; value, $3,574. Timothy seed, bushels, 4,770; value, $5,485. Clover seed, bushels, 2,586, value, $12,671. Beans, acres, 33; yield, 825 bushels, value, $949.

Average yield per acre crops past nine years: Corn, 34 bushels; Wheat, 20 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 14.7154; winter wheat, .1637; spring wheat, .9704; oats, 10.1654; rye, .3560; pastures, 33,7117; meadows, 15.6004; Irish potatoes, .5189; orchards, .6704; other crops and uncultivated land, 23.1277.

Wheat annually consumed, 99,656 bushels; used for seed annually, 5,811 bushels; deficit, 21,991 bushels.

FRUIT CROP, 1884--Apples, bushels, 9,833; value, $4,720. Vineyards: gallons wine, 2,910, value, 3,637, pounds grapes, 2,607; value, $130.

DAIRY PRODUCTS, 1884—Gallons milk sold, 8,471,533; value, $1,016,584; Cream sold, gallons, 1,100; value, $517; Butter, pounds sold, 780,673; value, $218,588; Cheese, pounds sold, 2,280,808, value, $205,273.

ANIMAL PRODUCTS--Fat cattle, number sold, 10,816; gross weight, 10,816,000 pounds; value, $486,720; Fat hogs, number sold, 21,606; gross weight, 5,120,622 pounds; value, $258,591; Fat sheep, number sold, 8,080; gross weight, 670,640 pounds; value, $22,131; Wool, pounds, 184,638; value, $40,620.

LIVE STOCK, MAY, 1884—Number horses, 11,856; foals, 1883, 1,188; number cattle, 47,025; number hogs, 26,032; number sheep, 36,728. Distribution of stock, number to each square mile: Horses, 20; cattle, 78; hogs, 43; sheep, 61.

MISCELLANEOUS--Number feet drain tile laid to January 1, 1884, 112,871; number farms, 1880, 2,837; average size farms, 135 acres; average value lands per acre, 1884, $23.24; taxation per acre, $0.45; value farm products per acre, $13.35; value animal products per acre, $5.85, road and bridge tax, $33,047.

McLEAN COUNTY.

Corn, acres, 237,429; yield, 6,885,441 bushels; value, $2,065,632. Hay, acres meadow, 69,147; yield, 121,007 tons; value, $484,028. Winter wheat, acres, 6,093; yield, 97,488 bushels; value, $75,066. Oats, acres, 109,779; yield, 3,732,486 bushels; value, $821,147. Irish potatoes, acres, 2,037; yield, 203,700 bushels; value, $95,739. Rye, acres, 9,041; yield, 126,574 bushels; value, $63,287. Spring wheat, acres, 144; yield, 1,584 bushels; value, $1,220. Broom corn, acres, 5; yield, 2 tons; value, $152. Barley, acres, 20; yield, 520 bushels; value, $296. Sorghum, acres, 91; yield, 8,190 gallons; value, $4,095. Sweet potatoes, acres, 15; yield, 1,410 bushels; value, $1,057. Flax acres, 451; yield, 4,059 bushels seed; value, $4,749, Buckwheat, acres, 18; yield, 324; value, $194. Timothy seed, bushels, 5,028; value, $7,039. Clover seed, bushels, 2,475; value, $11,509. Beans, acres, 33; yield, 429 bushels; value, $686.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, 17 bushels

Per cent. of area to total acreage in county in 1884: Corn, 31.9024; winter wheat, .8187; spring wheat, .0193; oats, 14.7506; rye, 1.2148; pastures, 21.2617; meadows, 9.2910; Irish potatoes, .2737; orchards, 1.0197; other crops and uncultivated land, 19.4481.

Wheat annually consumed, 240,460 bushels; used for seed annually, 8,316 bushels; deficit, 149,704 bushels.

FRUIT CROP, 1884—Apples, 80,795 bushels; value, $60,598. Peaches, 50 bushels, value, $90. Vineyards: gallons wine, 130; value, $169; pounds grapes, 1555; value, $78.

DAIRY PRODUCTS, 1884—Gallons milk sold, 95,992; value, $19,198. Cream sold, gallons, 21,687; value, $1,263. Butter, pounds sold 445,763; value, $48,695. Cheese, pounds sold, 2,449; value, $318.

ANIMAL PRODUCTS—Fat cattle, number sold, 11,539; gross weight, 13,731,410 pounds; value, $720,899. Fat hogs, number sold, 72,307; gross weight, 17,281,373 pounds; value, $820,865. Fat sheep, number sold, 6,534; gross weight, 620,730 pounds; value, $20,794. Wool, pounds, 152,012; value, $33,443.

LIVE STOCK, MAY, 1884—Number horses, 20,809; foals, 1883, 3283; number cattle, 50,169; number hogs, 87,117; number sheep, 29,699. Distribution of stock, number to each square mile; Horses, 23; cattle, 43; hogs, 75; sheep, 25.

MISCELLANEOUS--Number feet drain tile laid to January 1, 1884, 15,609,834; number farms, 1880, 5,466; average size farms, 136 acres; average value land per acre, 1884, $29.90; taxation per acre, $0.62; value farm products per acre, $7.90; value animal products per acre, $2.29; road and bridge tax, $59,745.

COAL.—Number mines, 1; annual capacity, 125,000 tons; price at mines, $1.45 per ton, number miners, 225; capital employed, $90,00.

MENARD COUNTY.

Corn, acres, 72,150; yield, 1,587,300 bushels; value, $460,317. Hay, acres meadow, 18,550; yield, 37,100 tons; value, $204,050 Winter wheat, acres, 36,165; yield, 470,145 bushels; value, $348,907. Oats, acres, 11,000; yield, 407,000 bushels; value, $81,400. Irish potatoes, acres, 575; yield, 64,400 bushels; value, $19,320. Rye, acres, 1,150; yield, 19,550; value, $8,406. Barley, acres, 120; yield, 3,120 bushels; value, $1,778. Sorghum, acres, 185; yield, 16,095 gallons; value, $8,852. Sweet potatoes, acres, 50; yield, 7,500 bushels; value, $6,150. Buckwheat, acres, 50; yield, 1,500; value, $750. Timothy seed, bushels, 450; value, $562. Clover seed, bushels, 125; value, $562.

Average yield per acre crops past nine years: Corn, 30 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 36.1218; winter wheat, 18.1059; oats, 5.5071; rye, .5757; pastures, 18.8894; meadows, 9.2820; Irish potatoes, .2879; orchards, .7109; other crops and uncultivated land, 10.5193.

Wheat annually consumed, 52,112 bushels; used for seed annually, 48,220 bushels; surplus, 369,813 bushels.

FRUIT CROP, 1884—Vineyards: pounds grapes, 5,950; value, $238.

DAIRY PRODUCTS, 1884—Gallons milk sold, 13,424; value, $3,356. Cream, gallons sold, 665; value, $312. Butter, pounds sold, 82,408; value, $14,009. Cheese, pounds sold, 335; value, $37.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,338; gross weight, 2,980,950 pounds; value, $163,952. Fat hogs, number sold, 14,497; gross weight, 3,290,819 pounds; value, $157,959. Fat sheep, number sold, 1,011; gross weight, 106,155 pounds; value, $3,450. Wool, pounds, 17,813; value, $3,384.

LIVE STOCK, MAY, 1884—Number horses, 4,030; foals, 1883, 550; number cattle, 10,105; number hogs, 17,466; number sheep, 4,596. Distribution of stock, number to each square mile: Horses, 13; cattle, 32; hogs, 56; sheep, 15.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 1,483,013; number farms, 1880, 1,381; average size farms, 144 acres; average value lands per acre, 1884, $25.92; taxation per acre, $0.47; value farm products per acre, $8.20; value animal products per acre, $1.73; road and bridge tax, $6,245.

COAL—Number mines, 7; annual capacity, 151,749 tons; price at mines, $1.24 per ton; number miners, 361; capital employed, $41,000.

MERCER COUNTY.

Corn, acres, 80,749; yield, 2,906,964 bushels; value, $843,019 Hay, acres, meadow, 37,483; yield, 65,593 tons; value, $311,567. Winter wheat, acres, 451; yield, 6,734 bushels; value, $5,117. Oats, acres, 42,353; yield, 1,695,120 bushels; value, $423,530. Irish potatoes, acres, 1,101; yield, 129,918 bushels; value, $25,984. Rye, acres, 5,101; yield, 76,515 bushels; value, $38,257. Spring wheat, acres, 551; yield, 8,816 bushels; value, $6,788. Broom corn, acres, 850; yield, 212 tons; value, $14,840. Barley, acres, 10; yield, 260 bushels; value, $148. Sorghum, acres, 269; yield, 16,140 gallons; value, $8,070. Sweet potatoes, acres, 16; yield, 1,504 bushels; value, $1,504. Buckwheat, acres, 111; yield, 1,776; value, $1,208. Timothy seed, bushels, 3,247; value, $5,682. Clover seed, bushels, 317; value, $1,664. Beans, acres, 18; yield, 234 bushels; value, $374.

Average yield per acre crops past nine years: Corn, 37 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 23.2155; winter wheat, .1383; spring wheat, .1584; oats, 12.1766; rye, 1.4666; pastures, 26.1017; meadows, 10.7764; Irish potatoes, .3165; orchards, .8593; other crops and uncultivated land, 24.7907.

Wheat annually consumed, 78,004 bushels; used for seed annually, 1,376 bushels; deficit, 63,830 bushels.

FRUIT CROP, 1884.—Apples, bushels, 36,474; value, $19,331; Peaches, bushels, 10; value, $18; Vineyards, gallons wine, 200; value, $260; pounds grapes, 1,750; value $87.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 1,650; value, $297 Cream, gallons sold, 62,775; value, $25,110. Butter, pounds sold, 248,190; value, $54,602.

ANIMAL PRODUCTS.—Fat cattle, number sold, 7,264; gross weight, 7,866,912 pounds; value, $393,346. Fat hogs, number sold, 38,741; gross weight, 8,329,346 pounds; value $370,654. Fat sheep, number sold, 1,213; gross weight, 124,939 pounds; value, $4,685. Wool pounds, 28,693; value, $4,878.

LIVE STOCK, MAY, 1884.—Number horses, 12,379; foals, 1883, 1,618; number cattle, 31,584; number hogs, 46,676; number sheep, 5,513. Distribution of stock, number to each square mile: Horses, 22; cattle 58; hogs, 86; sheep, 10.

MISCELLANEOUS.—Number feet drain tile laid January 1, 1884, 2,109;175; number farms, 1880, 2,265; average size farms, 153 acres; average value lands per acre, 1884, $23.12; taxation per acre, $0.47; value farm products per acre, $8.27; value animal products per acre, $2.45; road and bridge tax, $28,437.

COAL.—Number mines, 22; annual capacity, 118,513 tons; price at mines, $1.90 per ton; number miners, 404; capital employed, $94,460.

MONROE COUNTY.

Corn, acres, 16,159; yield, 565,565; bushels, value, $214,915. Hay, acres meadow, 10,126; yield, 17,721 tons; value, $201,135. Winter wheat, acres, 67,372; yield, 1,347,440 bushels; value, $1,077,952. Oats, acres, 7,761; yield, 232,830 bushels; value, $81,490. Irish potatoes, acres, 1,122; yield, 112,200 bushels; value, $41,514. Rye, acres, 97, yield, 2,037 bushels; value, $1,059. Barley, acres, 68; yield, 2,380 bushels, value, $1,357. Sorghum, acres, 59; yield, 4,425 gallons; value, $2,124. Tobacco, acres, 10; yield, 7,110 pounds; value, $782. Timothy seed, bushels, 1,970; value, $3,158. Clover seed, bushels, 19; value, $83.

Average yield per acre crops past nine years: Corn, 34 bushels; Wheat, 20 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 6.7957; winter wheat, 28.3335; oats, 3.2639; rye, .0408; pastures, 3.0503; meadows, 4.2585; Irish potatoes, .4719; orchards, .6047; other crops and uncultivated land, 53.1807.

Wheat annually consumed, 54,728 bushels; used for seed annually, 89,829 bushels; surplus, 1,202,881 bushels.

FRUIT CROP, 1884—Apples, bushels, 10,631; value, $7,442. Vineyards: gallons wine, 1,984; value, $2,480; pounds grapes, 4,881; value, $244.

DAIRY PRODUCTS, 1884—Gallons milk sold, 102; value, $20. Butter, pounds sold, 42,698; value, $8,540. Cheese, pounds sold, 743; value, $96.

ANIMAL PRODUCTS—Fat cattle, number sold, 862; gross weight, 897,342 pounds; value, $38,137. Fat hogs, number sold, 7,944; gross weight, 1,628,520 pounds; value, $81,426. Fat sheep, number sold, 378; gross weight, 38,178 pounds; value, $1,260. Wool, pounds, 4,933; value, $1,085.

LIVE STOCK, MAY, 1884—Number horses, 2,841; foals, 1883,139; number cattle, 3,749; number hogs, 9,571; number sheep, 1,720. Distribution of stock, number to each square mile: Horses, 8; cattle, 10; hogs, 26; sheep, 5.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 5,437; number farms, 1880, 1,455; average size farms, 163 acres; average value lands per acre, 1884, $18.58; taxation per acre, $0.31; value farm products per acre, $7.55; value animal products per acre, $0.55; road and bridge tax, $2,549.

MONTGOMERY COUNTY.

Corn, acres, 103,213; yield, 2,477,112 bushels; value, $668,820. Hay, acres meadow, 31,706; yield, 39,632 tons; value, $214,013. Winter wheat, acres, 92,559; yield, 1,018,149 bushels; value, $702,523. Oats, acres, 35,456; yield, 957,312 bushels; value, $191,462. Irish potatoes, acres, 880; yield, 72,160 bushels; value, $32,472. Rye, acres, 592; yield, 7,104 bushels; value, $4,618. Spring wheat, acres, 5; yield, 80 bushels; value, $62. Broom corn, acres, 10; yield 5 tons; value, $380. Barley, acres, 8; yield, 208 bushels; value, $118. Sorghum, acres, 163; yield, 16,300 gallons; value, $7,009. Sweet potatoes, acres, 7; yield, 658 bushels; value, $612. Tobacco, acres, 10; yield, 7,110 pounds; value, $782. Buckwheat, acres, 12; yield, 180 bushels; value, $109. Timothy seed, bushels, 864; value, $1,598. Clover seed, bushels, 153; value, $765.

Average yield per acre, crops past nine years: Corn, 26 bushels; Wheat, 15 bushels.

Per cent of area to total acreage in county in 1884: Corn, 36.5528; winter wheat, 20.9375; spring wheat, .0011; oats, 8.0204; rye, .1339; pastures, 15.2649; meadows, 7.1721; Irish potatoes, .1991; orchards, .1.0672; other crops and uncultivated land, 10.6510.

Wheat annually consumed, 112,344 bushels; used for seed annually, 123,419 bushels; surplus, 782,466 bushels.

FRUIT CROP, 1884—Apples, bushels, 57,790; value, $36,986. Vineyards: gallons wine, 22; value $29; pounds grapes, 183; value, $7.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 13,428; value, $2,417. Cream, gallons sold, 1,842; value, $866. Butter, pounds sold, 194,691; value $31,150. Cheese, pounds sold, 480; value, $96.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,992; gross weight, 3,992,000 pounds; value, $137,724. Fat hogs, number sold, 30,272; gross weight, 7,265,280 pounds; value, $330,570. Fat sheep, number sold, 3,604; gross weight, 349,588 pounds; value, $10,488. Wool, pounds, 71,180; value; $14,236.

LIVE STOCK, MAY, 1884—Number horses, 12,497; foals, 1883, 1,145; number cattle, 17,355; number hogs, 36,473; number sheep, 16,381. Distribution of stock, number to each square mile: Horses, 18; cattle, 35; hogs, 53; sheep, 23.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 86,406; number farms, 1880, 3,145; average size farms, 140 acres; average value lands per acre, 1884, $24.12; taxation per acre, $0.41; value farm products per acre, $6.27; value animal products per acre, $1.19; road and bridge tax, $27,096.

COAL—Number mines, 1; annual capacity, 10,717 tons; price at mines $1.50 per ton; number miners, 20; capital employed, $10,000.

MORGAN COUNTY.

Corn, acres, 128,159; yield, 4,357,406 bushels; value, $1,220,673. Hay, acres meadow, 29,387; yield, 51,428 tons; value $29,568. Winter wheat, acres, 40,738; yield, 529,594 bushels; value, $413,083. Oats, acres, 11,212; yield, 369,996 bushels; value, $96,199. Irish potatoes, acres, 2,465; yield, 32,450 bushels, value, $115,362. Rye, acres, 4,700; yield, 70,500 bushels, value, $36,660. Spring wheat, acres, 800; yield, 12,800 bushels; value, $9,856. Broom corn, acres, 35; yield, 17 tons; value, $1,292. Barley, acres, 11,212; yield, 291,512 bushels; value, $166,162. Sorghum, acres, 90; yield, 9,000 gallons; value, $4,680. Sweet potatoes, acres, 110; yield, 12,325 bushels; value, $8;254. Buckwheat, acres, 20; yield, 320; value, $160. Timothy, seed, bushels, 1,563; value, $3,126. Clover seed, bushels, 143; value, $1,001.

Average yield per acre crops past nine years: Corn, 35 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 34.8981; winter wheat, 11.0931; spring wheat, .2178; oats, 3.0531; rye, 1.2798; pastures, 22.0075; meadows, 8.0022; Irish potatoes, .6712; orchards, 10.399; other crops and uncultivated land, 17.7373.

Wheat annually consumed, 126,076 bushels; used for seed annually, 55,384 bushels; surplus, 198,872 bushels.

FRUIT CROP, 1884—Apples, bushels, 31,500; value, $21,105. Vineyards: gallons wine, 750; value, $750; pounds grapes, 13,612; value, $544.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 246,398; value, $44,352. Cream, gallons sold, 28,268; value, $13,286. Butter, pounds sold, 125,200; value, $25,040.

ANIMAL PRODUCTS—Fat cattle, number sold, 7,173; gross weight, 5,249,634 pounds; value, $272,981. Fat hogs, number sold, 19,943; gross weight, 4,487,175 pounds; value, $219,871. Fat sheep, number sold, 1,849; gross weight, 255,126 pounds; value, $7,910; Wool, pounds, 56,925; value, $10,816.

LIVE STOCK, MAY, 1884.—Number horses, 6,405; foals, 1883, 532; number cattle, 18,145; number hogs, 24,028; number sheep, 8,403. Distribution of stock, number to each square mile. Horses, 11; cattle, 32; hogs, 42; sheep, 15.

MISCELLANEOUS —Number feet drain tile laid to January 1, 1884, 473,610; number farms, 1880, 2,814: average size farms, 125 acres; average value lands per acre, 1884, $30.62; taxation per acre, $0.51; value farm products per acre, $9.07; value animal products per acre, $1.62.

COAL—Number mines, 2; annual capacity, 2,500; capital employed, $24,000.

MOULTRIE COUNTY.

Corn, acres, 45,477; yield, 1,273,356 bushels; value, $343,806. Hay, acres meadow, 14,093; yield, 24,663 tons; value, $104,818. Winter wheat, acres, 15,954; yield, 175,494 bushels; value, $122,846. Oats, acres, 15,026; yield, 465,806 bushels; value, $93,161. Irish potatoes, acres, 323; yield, 32,300 bushels; value, $10,336. Rye, acres, 69; yield, 828 bushels; value, $430. Broom corn, acres, 330; yield, 165 tons; value, $8,250. Barley, acres, 24; yield 624 bushels, value, $356. Sorghum, acres, 67; yield, 5,494 gallons; value, $2,472. Sweet potatoes, acres, 1; yield, 94 bushels; value, $82. Flax, acres, 17; yield, 153 bushels seed; value, $179. Buckwheat, acres; 1; yield, 15; value, $10. Timothy seed, bushels, 477; value, $596. Clover seed, bushels, 220; value, $1,100. Beans, acres, 11; yield, 220 bushels; value, $330.

Average yield per acre crops past nine years: Corn, 26 bushels; Wheat, 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn 20.9310; winter wheat, 7.3429; oats, 6.9158; rye, 1.0317; pastures, 12.0062; meadows, 6.4864; Irish potatoes, .1487; orchards, .5435; other crops and uncultivated lands, 45.5938.

Wheat annually consumed, 54,820 bushels; used for seed annually, 21,272 bushels; surplus, 99,402 bushels.

FRUIT CROP, 1884—Apples, bushels, 12,444; value, $6,595. Peaches, bushels, 20; value, $36. Vineyards: pounds grapes, 80; value, $4.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 712; value, $128. Butter, pounds sold, 61,381; value, $9,207.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,584; gross weight, 2,713,200 pounds; value, $101,745. Fat hogs, number sold, 16,156; gross weight, 2,956,548 pounds; value, $136,001. Fat sheep, number sold, 833; gross weight, 72,471 pounds; value, $2,428. Wool, pounds, 15,351; value, $3,070.

LIVE STOCK, MAY, 1884—Number horses, 6,002; foals, 1883, 593; number cattle, 11,234; number hogs, 19,465; number sheep, 3,789. Distribution of stock, number to each square miles: Horses, 18; cattle, 33; hogs, 57; sheep, 11.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 1,653,503; number farms, 1880, 1,935; average size farms, 112 acres; average value lands per acre, 1884, $18.54; taxation per acre, $0.75; value farm products per acre, $5.73; value animal products per acre, $1.16; road and bridge taxes, $12,079.

OGLE COUNTY.

Corn, acres, 116,858; yield, 4,323,746 bushels; value, $1,426,836. Hay, acres meadow, 56,994; yield, 128,236 tons; value, $673,239. Winter wheat, acres, 3,471; yield, 76,362 bushels; value, $58,035. Oats, acres, 80,138; yield, 2,724,692 bushels; value, $681,172. Irish potatoes, acres, 1,987; yield, 164,921 bushels; value, $62,670. Rye, acres, 6,438; yield, 154,512 bushels; value, $80,346. Spring wheat, acres, 1 224; yield, 15,912 bushels; value, $12,252. Broom corn, acres, 2; yield, 1 ton; value, $76. Barley, acres, 4,449; yield, 142,368 bushels; value, $1,150. Sorghum, acres, 28; yield, 2,800 gallons; value, $1,120. Sweet potatoes, acres, 6; yield, 300 bushels; value, $300. Flax; acres, 54; yield, 486 bushels seed; value, $569. Buckwheat, acres, 85; yield, 1,360; value, $816. Timothy seed, bushels, 27,304; value, $30,034. Clover seed, bushels, 4,232; value, $17,986 Beans, acres, 40; yield, 600 bushels; value, $600.

Average yield per acre crops past nine years; Corn, 30 bushels; Wheat, 19 bushels.

Per-cent of area to total acreage in county in 1884: Corn, 24.3744; winter wheat, .7214; spring wheat, .2553; oats, 16.7152; rye, 1.3428; pastures, 18.5487; meadows, 11.8044; Irish potatoes, .4144; orchards, 7978; other crops and uncultivated land, 45.9814.

Wheat annually consumed, 119,784 bushels; used for seed annually, 6,260 bushels, deficit, 33,770 bushels.

FRUIT CROP, 1884,—Apples, bushels, 19,711; value, $13,206. Vineyards: gallons wine, 8,888; value, $11,554; pounds grapes, 8,954; value, $537.

DAIRY PRODUCTS, 1884,—Gallons milk sold, 106,480; value, $19,166. Cream, sold gallons, 270,735; value, $59,562. Butter, pounds sold, 722,561; value, $151,783. Cheese, pounds sold, 47,366; value, $5,210.

ANIMAL PRODUCTS.—Fat cattle, number sold, 11,435; gross weight, 11,812,356 pounds; value, $535,556. Fat hogs, number sold, 46,118; gross weight, 11,529,500 pounds; value, $518,827. Fat sheep, number sold, 1,714; gross weight, 171,400 pounds; value, $6,856. Wool, pounds, 57,753; value, $11,551.

LIVE STOCK, MAY, 1884.—Number horses, 16,824; foals, 1883, 1,645; number cattle, 49,717; number hogs, 55,564; number sheep, 7,793. Distribution of stock, number to each square mile. Horses, 22; cattle, 66; hogs, 74; sheep, 10.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 406,391: number farms, 1880, 3,232; average size farms, 148 acres; average value lands per acre, 1884, $26.14; taxation per acre, $0.45; value farm products per acre, $10.04; value animal products per acre, $2.72; road and bridge tax, $35,835.

PEORIA COUNTY.

Corn, acres, 87,007; yield, 2,262,182 bushels; value, $588,167. Hay, acres meadow, 33,313; yield, 58,298 tons; value, $316,469. Winter wheat, acres, 5,725; yield, 108,775 bushels; value, $105,512. Oats, acres, 41,718, yield, 1,752,156 bushels; value, $560,690. Irish potatoes, acres, 1,626; yield, 203,250 bushels; value, $60,975. Rye, acres, 4,135; yield, 74,430 bushels; value, $44,658. Spring wheat, acres, 129; yield, 2,064 bushels; vale, $1,651. Broom corn, acres, 42; yield, 21 tons, value, $1,596. Barley, acres, 7; yield, 182 bushels; value, $104. Sorghum, acres, 190; yield, 19,000 gallons; value, $7,600. Sweet potatoes, acres, 4; yield, 300 bushels; value, $300. Tobacco, acres, 2, yield, 1,100 pounds; value, $88. Buckwheat, acres, 23; yield, 506; value, $339. Timothy seed, bushels, 2,029; value, $2,536. Clover seed, bushels, 1,914; value, $8,900. Beans, acres, $18; yield, 234 bushels; value, $374.

Average yield per acre crops past nine years: Corn, 30 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 22.4867; winter wheat, 1.4796; spring wheat, .0333; oats, 10.7819; rye, 1.0687; pastures, 12.4861; meadows, 8.6094; Irish potatoes, .4202; orchards, .6345; other crops and uncultivated land, 41.9996.

Wheat annually consumed, 221,676 bushels; used for seed annually, 7,805 bushels; deficit 118,643 bushels.

FRUIT CROP, 1884—Apples, bushels, 29,997; value, $22,498. Vineyards: gallons wine, 780; value, $1,014; pounds grapes, 5,530; value, $387.

DAIRY PRODUCTS, 1884—Gallons milk sold, 116,633; value, $20,994. Cream, gallons sold, 1,346; value, $633. Butter, pounds sold, 198,789; value, $35,782. Cheese, pounds sold, 73,956; value, $9,614.

ANIMAL PRODUCTS—Fat cattle, number sold, 8,711: gross weight, 8,928,775 pounds; value, $334,829. Fat hogs, number sold, 35,768; gross weight, 9,371,216 pounds; value, $384,220. Fat sheep, number sold, 1,892; gross weight, 189,200 pounds; value, $6,622. Wool, pounds, 38,939; value $7,009.

LIVE STOCK, MAY, 1884—Number horses, 12,866; foals, 1883, 1,053; number cattle, 37,875; number hogs, 43,094; number sheep, 8,601. Distribution of stock, number to each square mile: Horses, 21; cattle, 63; hogs, 71; sheep, 14.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 4,866,940; number farms, 1880, 2,956; average size farms, 131 acres; average value lands per acre, 1884, $31 60; taxation per acre, $1.15; value farm products per acre, $7.03; value animal products per acre, $2.07; road and bridge tax, $57,445.

COAL—Number mines, 63; annual capacity, 452,078 tons; price at mines, $1.29 per ton; number miners, 1,024; capital employed, $183,980.

PERRY COUNTY.

Corn, acres, 12,316; yield, 172,424 bushels; value, $70,694. Hay, acres meadow, 6,415; yield, 8,019 tons; value, $44,104. Winter wheat, acres, 38,484; yield, 269,388 bushels; value, $202,041. Oats, acres, 10,204; yield, 397,956 bushels; value, 87,550. Irish potatoes, acres, 391; yield, 39,882 bushels; value, $16,352. Rye, acres, 77; yield, 539 bushels; value, $242. Spring wheat; acres, 7; yield, 112 bushels; value, $86. Barley, acres, 13; yield, 338 bushels; value, $193. Sweet potatoes, acres 19; yield 1,938 bushels; value, $1,201. Timothy seed, bushels, 360; value, $558. Beans, acres, 1; yield, 13 bushels; value, $19.

Average yield per acre crops past nine years: Corn, 18 bushels; Wheat, 11 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 4.9100; winter wheat, 15.3423; spring wheat, .0028; oats, 4.0680; rye, .0307; pastures, 1.9908; meadows, 2.5575; Irish potatoes, .1559; orchards, .5960; other crops and uncultivated land, 70.3460.

Wheat annually consumed, 64,032 bushels; used for seed annually, 51,321 bushels; surplus, 154,147 bushels.

FRUIT CROP, 1884—Apples, bushels, 18,644; value, $16,220; Peaches, 1,120; value $1,680. Vineyards; gallons wine, 1,265; value, $1,265.

DAIRY PRODUCTS, 1884—Gallons milk sold, 1,669; value, $417. Butter, pounds sold, 37,368; value, $8,221. Cheese, pounds sold, 626; value, $125.

ANIMAL PRODUCTS—Fat eattle, number sold, 1,128; gross weight, 1,009,560 pounds; value, $33,820. Fat hogs, number sold, 4,941; gross weight, 1,047,492 pounds; value, $42,947. Fat sheep, number sold, 808; gross weight, 76,760 pounds; value, $2,379. Wool, pounds, 8,325; value, $1,915.

LIVE STOCK, MAY, 1884—Number horses, 3,412; foals, 1883, 137; number cattle, 4,906; number hogs, 5,953; number sheep, 3,675. Distribution of stoek, number to eaeh square mile: Horses, 9; eattle, 12; hogs, 15; sheep, 9.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 2,000; number farms, 1880, 1,734; average size farms, 142 acres; average value lands per aere, 1884, $10.20; taxation per aere, $0.29; value farm products per acre, $2.21; value animal produets per acre, $0.36.

COAL—Number mines, 15; annual capacity, 255,868 tons; price at mines, $0.98 per ton; number miners, 461; eapital employed, $131,4000.

PIATT COUNTY.

Corn, aeres, 60,706; yield, 1,821,180 bushels; value, $455,295. Hay, acres meadows, 11,665; yield, 17,497 tons; value, $87,485. Winter wheat, acres, 11,309; yield, 203,562 bushels; value, $142,493. Oats, acres, 18,900; yield, 567,000 bushels; value, $90,720. Irish potatoes, aeres, 500; yield, 56,000 bushels; value, $15,120. Rye, acres, 691; yield, 10,365 bushels; value, $5,390. Spring wheat, acres, 10; yield, 160 bushels; value, $123. Broom corn, acres, 25; yield, 37 tons; value, $2,812 Barley, acres, 8; yield, 208 bushels; value, $630. Flax aeres, 438; yield, 4,942 bushels seed; value, $4,612. Buckwheat, acres, 8; yield, 56; value, $38. Timothy seed, bushels, 1,282; value, $1,026. Clover seed, bushels, 104; value, $364.

Average yield per aere crops past nine years: Corn, 30 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 21.0727; winter wheat, 3.9256; spring wheat, .0035; oats, 6.5607; rye, .2399; pastures, 7.2171; meadows, 4.0492; Irish potatoes, .1736; orehards, .4891; other crops and uneultivated land, 56.2686.

Wheat annually eonsumed, 72,332 bushels; used for seed annually, 15,092 bushels; surplus, 126,298 bushels.

FRUIT CROP, 1884—Apples, bushels, 16,134; value, $12,100. Peaches, bushels, 268; value, $482. Vineyards: gallons wine, 50; value, $65; pounds grapes, $1,008; value, $60.

DAIRY PRODUCTS, 1884—Gallons milk sold, 1,425: value, $313. Cream, gallons sold, 404; value, $323. Butter, pounds sold, 64,204; value, $10,915.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,274; gross weight, 3,765,100 pounds; value, $163,782. Fat hogs, number sold, 24,884; gross weight, 5,275,408 pounds; value, $224,205. Fat sheep, number sold, 1,159; gross weight, 100,833 pounds; value, 3,025. Wool, pounds, 16,004; value, 3,041.

LIVE STOCK, MAY, 1884—Number horses, 8,361; foals, 1883, 416; number eattle, 14,234; number hogs, 29,981; number sheep, 5,270. Distribution of stoek, number to eaeh square mile: Horses, 18; eattle, 32; hogs, 67, sheep, 12.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 5,062,220; number farms, 1880, 1,812; average size farms, 159 acres; average value lands per acre, 1884, $24.08; taxation per acre, $0.52; value farm produets per aere, $4.47; value animal produets per acre, $1.42; road and bridge tax, $20,412.

PIKE COUNTY.

Corn, aeres, 61,794; yield, 2,409,966 bushels; value, $722,990. Hay, aeres meadow, 30,398; yield, 30,597 tons; value, $189,582. Winter wheat, acres, 96,457; yield, 1,736,226 bushels; value, $1,388,981. Oats, acres, 11,453; yield, 481,026 bushels; value, $120,256. Irish potatoes, acres, 718; yield, 66,774 bushels; value, $17,361. Rye, aeres, 318, yield, 4,770 bushels; value, $2,480 Spring wheat, acres, 39; yield, 624 bushels; value, $480. Broom eorn, aeres, 29; yield, 10 tons; value, $760. Sorghum, aeres, 130; yield, 13,000 gallons; value, $6,500. Sweet potatoes, acres, 50; yield, 4,700 bushels; value, $3,760. Tobacco, aeres, 61; yield, 43,371 pounds; value, $14,771, Buckwheat, acres, 11; yield, 123; value, $99. Timothy seed, bushels, 339; value, $593. Clover seed, bushels, 1804; value, $9,020. Beans, aeres, 6; yield, 90 bushels; value $135.

Average yield per aere erops past nine years: Corn 30 bushels; Wheat, bushels, 16.

Per cent of area to total acreage in county in 1884: Corn, 12.0106; winter wheat, 18.7478; spring wheat, .0076; oats, 2.2280; rye, .0618; pastures, 6.9256; meadows, 3.9646; Irish potatoes, .1395; orehards, .7100; other crops and uneultivated land, 55.2045.

Wheat annually eonsumed, 135,044 bushels; used for seed annually, 128,661 bushels; surplus, 1,473,145 bushels.

FRUIT CROP, 1884.—Apples, bushels, 111,613; value, $40,145. Vineyards: galllons wine, 3; value, $4.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 754; value, $45. Cream sold, gallons, 265; value, $124. Butter, pound sold, 118,119; value, $1,718.

ANIMAL PRODUCTS.—Fat eattle, number sold, 4,368; gross weight, 5,097,456 pounds, value, $242,129. Fat hogs, number 34,972; gross weight, 8,078,532 pounds; value, $391,809. Fat sheep, number sold; 2,853; gross weight, 262,476 pounds; value, $8,530. Wool, pounds, 5,443; value, $11,434.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 223,545; number farms, 1880, 3,650; average size farms, 140 acres; average value lands per acre, 1884, $21.26; taxation per acre, $0.42; value farm products per acre, $6.54; value animal products per acre, $1.30; road and bridge tax, $39,306.

POPE COUNTY.

Corn, acres, 18,047; yield, 595,551 bushels; value, $208,443. Hay, acres meadow, 4,704; yield, 82,322 tons; value, $102,900. Winter wheat, acres, 24,681; yield, 216,810 bushels; value, $173,448. Oats, acres, 3,742; yield, 93,550 bushels; value, $23,387. Irish potatoes, acres, 1,334; yield, 86,710 bushels; value, $24,279. Spring wheat, acres, 12; yield, 192 bushels; value, $148. Sorghum, acres, 306; yield, 21,420 gallons; value, $7,497. Sweet potatoes, acres, 1; yield, 94 bushels; value, $47. Tobacco, acres, 1; yield, 711 pounds; value, $78. Timothy seed, bushels, 11; value, $15. Beans, acres, 2; yield, 26 bushels; value, $42.

Average yield per acre crops past nine years: Corn, 26 bushels; Wheat, 10 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 7.7016; winter wheat, 9.2525; spring wheat, .0051; oats, 1.5969; pastures, 2.9071; meadows, 2.0074; Irish potatoes, .5693; orchards, .8356; other crops and uncultivated land, 75.1245.

Wheat annually consumed, 53,024 bushels; used for seed annually, 28,924 bushels; surplus, 135,054 bushels.

FRUIT CROP, 1884—Apples, bushels, 21,315; value, $15,986; Peaches, bushels, 8,086; value, $14,555.

DAIRY PRODUCTS, 1884—Butter, pounds sold, 2,308; value, $462.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,476; gross weight, 1,033,200 pounds; value, $30,996. Fat hogs, number sold, 14,126; gross weight, 2,542,680 pounds; value, $108,064. Fat sheep, number sold, 1,758; gross weight, 177,558 pounds; value; $5,859. Wool, pounds, 19,170, value, $4,217.

LIVE STOCK, MAY, 1884—Number horses, 2,892; foals, 1883, 223; number cattle, 6,418; number hogs, 17,019; number sheep, 7,991. Distribution of stock, number to each square mile: Horses, 8; cattle, 17; hogs, 46; sheep, 22.

MISCELLANEOUS—Number farms, 1880, 1,881; average size farms, 124 acres; average value lands per acre, 1884, $6.50; taxation per acre, $0.16; value farm products per acre, $3.22; value animal products per acre, $0.64; road and bridge tax, $2,170.

PULASKI COUNTY.

Corn, acres, 10,457; yield, 261,425 bushels; value, $96,727. Hay, acres meadow, 3,603; yield, 7,206 tons; value, $72,060. Winter wheat, acres, 9,570; yield, 124,410 bushels; value, $100,872. Oats, acres, 948; yield, 27,492 bushels; value, $10,997. Irish potatoes, acres, 510; yield, 46,920 bushels; value, $26,176. Rye, acres, 81; yield, 1,215 bushels; value, $632. Sorghum, acres, 151; yield, 18,875 gallons; value, $8,116. Sweet potatoes, acres, 296; yield, 39,368 bushels; value, $18,503. Tobacco, acres, 30; yield, 18,000 pounds; value, $1,440. Clover seed, bushels, 591; value, $2,955. Beans, acres, 69; yield, 897 bushels; value, $1,749.

Average yield per acre crops past nine years: Corn, 28 bushels; Wheat, 12 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 9.2751; winter wheat, 8.4883; oats, .8408; rye, .0709; pastures, 1.4937; meadows, 3.1957; Irish potatoes, .4523; orchards, 2.0613; other crops and uncultivated land, 74.1219.

Wheat annually consumed, 38,028 bushels; used for seed annually, 12,760 bushels; surplus, 73,622 bushelf.

FRUIT CROP, 1884—Vineyards: pounds grapes, 61,000; value, $3,050.

DAIRY PRODUCTS, 1884—Butter, pounds sold, 15,461; value, $3,556.

ANIMAL PRODUCTS—Fat cattle, number sold, 660; gross weight, 528,000 pounds; value, $21,120. Fat hogs, number sold, 4,243; gross weight, 848,600 pounds; value, $38,187. Fat sheep, number sold, 267; gross weight, 26,700 pounds; value, $11,201. Wool, pounds, 9,575; value, $2,394.

LIVE STOCK, MAY, 1884—Number horses, 1,253; foals, 1883, 139, number cattle, 2,870; number hogs, 5,112; number sheep, 1,216. Distribution of stock, number to each square mile: Horses, 7; cattle, 16; hogs, 29; sheep, 7.

MISCELLANEOUS—Number farms, 1880, 883; average size farms, 127 acres; average value lands per acre, 1884, $6.50; taxation per acre, $0.33; value farm products per acre, $3.99; value animal products per acre, $0 59.

PUTNAM COUNTY.

Corn, acres, 27,694; yield, 119,842 bushels; value, $345,344. Hay, acres meadow, 7,839; yield, 13,718 tons; value, $58,987. Winter wheat, acres, 1,001; yield, 14,014 bushels; value, $11,632. Oats, acres, 10,170; yield, 457,658 bushels; value, $114,212. Irish potatoes, acres, 217; yield, 20,615; value, $9,277. Rye, acres, 1,210; yield, 18,150; value, $8,712. Spring wheat, acres, 287; yield, 6,314 bushels; value, $4,862. Broom corn, acres 4; yield, 2 tons; value, $152. Timothy seed, bushels, 249; value, $515. Clover seed, bushels, 140; value, $652.

Average yield per acre crops past nine years: Corn, 36 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 26.1109; winter wheat, .9438; spring wheat, .2706; oats, 9.5896; rye, 1.1408; pastures, 23.6963; meadows, 7.3909; Irish potatoes; 2046; orchards, .9758; other crops and uncultivated land, 29 6767.

Wheat annually consumed, 22,220 bushels; used for seed annually, 1,717 bushels; deficit, 3,609.

FRUIT CROP, 1884—Apples, bushels, 21,417; value, $10,708. Vineyards: gallons wine, 133; value, $173.

DAIRY PRODUCTS, 1884—Butter, pounds sold, 45,087; value, $9,919.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,584 pounds; gross weight, 1,821,600; value, $86,526. Fat hogs, number sold, 8,463; gross weight, 2,581,215 pounds; value, $134,223. Fat sheep, number sold, 526; gross weight, 65,750 pounds; value, $2,630. Wool, pounds, 16,488; value, $3,208.

LIVE STOCK, MAY, 1884—Number horses, 3,121; foals, 1883, 548; number cattle, 6,888; number hogs, 10,196; number sheep, 2,391. Distribution of stock, number to each square mile: Horses, 19; cattle, 41; hogs, 61; sheep, 14.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 1,594,550; number farms, 1880, 741; average size farms, 143 acres: average value lands per acre, 1884, $24.10; taxation per acre, $0 38; value farm products per acre, $8.66; value animal products per acre, $2.23; road and bridge tax, $6,682.

RANDOLPH COUNTY.

Corn, acres, 24,864; yield, 765,204 bushels; value, $344,342. Hay, acres meadow, 14,570; yield, 25,497 tons; value, $203,976. Winter wheat, acres, 94,026; yield, 1,222,338 bushels; value, $941,200. Oats, acres, 17,104; yield, 598,640 bushels; value, $161,633. Irish potatoes, acres, 891; yield, 98,010 bushels; value, $41,164. Rye, acres, 90; yield, 1,800 bushels; value, $936. Barley, acres, 28; yield, 718 bushels; value, $415. Sorghum, acres, 217; yield, 30,814 gallons; value, $13,866. Sweet potatoes, acres, 30; yield, 1,950 bushels; value, $1,306. Tobacco, acres, 5; yield, 3,555 pounds; value, $1,066. Buckwheat, acres, 2; yield, 32; value, $22. Timothy seed, bushels, 226; value, $305. Clover seed, bushels, 2,328; value, $11,640. Beans, acres, 1; yield, 13 bushels; value, $21.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 6.8937; winter wheat, 26.2872; oats, 4.7818; rye, .0252; pastures, 3.7206; meadows, 4.0.34; Irish potatoes, .2491; orchards, .7975; other crops and uncultivated land, 53.1715.

Wheat annually consumed, 102,764 bushels; used for seed annually, 125,368 bushels; surplus, 994,206 bushels.

FRUIT CROP, 1884—Apples, bushels, 45,173; value, $40,656. Peaches, bushels, 97; value, $175. Vineyards: gallons wine, 765; value, $612; pounds grapes, 1,307; value, $784.

DAIRY PRODUCTS—Gallons milk sold, 15,200; value, $3,800. Cream, gallons sold, 327; value, $131. Butter, pounds sold, 127,298; value, $25,460. Cheese, pounds sold, 4,923; value, $591.

ANIMAL PRODUCTS—Fat cattle, number sold, 2,213; gross weight, 2,303,733 pounds; value, $103,668. Fat hogs, number sold, 14,380; gross weight, 3,235,500 pounds; value, $137,509. Fat sheep, number sold, 2,092; gross weight, 211,292 pounds; value, $6,973. Wool, pounds, 38,265; value, $10,714.

LIVE STOCK, MAY, 1884—Number horses, 5,054; foals, 1883, 498; number cattle, 9,624; number hogs, 17,326; number sheep, 9,510. Distribution of stock, number to each square mile: Horses, 9; cattle, 17; hogs, 31; sheep, 17.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 2,490; number farms, 1880, 2,531; average size farms, 141 acres, average value lands per acre, 1884, $15.80; taxation per acre, $0.44; value farm products per acre, $6.13; value animal products per acre, $0.81; road and bridge tax, $4,981.

COAL—Number mines, 7; annual capacity, 46,535 tons; price at mines, $0.93 per ton, number miners, 100; capital employed, $92,600.

RICHLAND COUNTY.

Corn, acres, 24,658, yield, 271,238 bushels; value, $100,358. Hay, acres meadow, 21,122; yield, 36,963 tons; value, $181,119. Winter wheat, acres, 30,995; yield, 185,970 bushels; value, $139,277. Oats, acres, 14,850; yield, 490,050 bushels; value, $93,109. Irish potatoes, acres, 531; yield, 30,267 bushels; value, $15,233. Rye, acres, 212; yield, 1,696 bushels; value, $848. Broom corn, acres, 15; yield, 7 tons; value, $532. Sorghum, acres, 253; yield, 23,276 gallons; value, $8,845. Sweet potatoes, acres, 1; yield, 95 bushels; value, $74. Tobacco, acres 3; yield, 2,133 pounds; value, $235. Buckwheat, acres, 13; yield, 65; value, $65. Timothy seed, bushels, 25,016; value, $31,270. Clover seed, bushels, 2,667; value, $8,001. Beans, acres, 20; yield, 100 bushels; value, $130.

Average yield per acre crops past nine years: Corn, 19 bushels; Wheat, 10 bushels.

Per cent. to total acreage in county in 1884: Corn, 10.8493; winter wheat, 13 6377; oats, 6.5340; rye, .0933; pastures, 17.3465; meadows, 9.2936; Irish potatoes, .2336; orchards, 1.2236; other crops and uncultivated land, 40.7883.

Wheat annually consumed, 62,184 bushels; used for seed annually, 41,327 bushels; surplus, 82,459 bushels.

FRUIT CROP, 1884—Apples, bushels, 25,017; value, $14,510; Peaches, bushels, 15; value, $22. Vineyards, pounds grapes, 3,707; value, $148.

DAIRY PRODUCTS, 1884—Gallons milk sold, 1,690; value, $422. Cream sold, gallons, 185; value, $87. Butter, pounds sold, 64,024; value, $10,244. Cheese, pounds sold, 2,638; value, $343.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,819; gross weight, 1,577,073 pounds; value, $59,140. Fat hogs, number sold, 7,442; gross weight, 1,800,964 pounds; value, $36,541. Fat sheep, number sold, 2,538; gross weight, 256,338 pounds; value, $6,408. Wool, pounds, 51,372; value, $10,788.

LIVE STOCK, MAY, 1884—Number horses, 3,597; foals, 1883, 280; number cattle, 7,911; number hogs, 8,966; number sheep, 11,536. Distribution of stock, number to each square mile: Horses, 10; cattle, 22; hogs, 25; sheep, 32.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 12,179; number farms, 1880, 1,855; average size farms, 122 acres; average value lands per acre, 1884, $9.30; taxation per acre, .0.36; value farm products per acre, $3.79; value animal products per acre, $0.54; road and bridge tax, $9,402.

ROCK ISLAND COUNTY.

Corn, acres, 55,825; yield, 1,618,924 bushels; value, $485,677. Hay, acres meadow, 31,957; yield, 55,925 tons; value, $307,587. Winter wheat, acres, 230; yield, 3220 bushels; value $2,576. Oats, acres, 23,086, yield, 854,182 bushels; value, $187,920. Irish potatoes, acre, 2,854; yield, 385,290 bushels; value, $88,617. Rye, acres, 4,480; yield, 67,200 bushels; value $33,600. Spring wheat, acres, 1,415; yield, 26,885 bushels; value, $20,701. Barley, acres, 109; yield, 2,834 bushels; value, $1,615. Sorghum, acres, 45; yield, 4,500 gallons, value, $1,890. Buckwheat, acres, 49; yield, 735; value, $500. Timothy seed, bushels, 377; value, $641. Clover seed, bushels, 196; value, $1,078. Beans, acres, 17; yield, 221 bushels, value, $354.

Average yield per acre crops past nine years: Corn, 31 bushels; Wheat, bushels, 18,

Per cent of area to total acreage in county in 1884: Corn, 20.9960; winter wheat, .0861; spring wheat, .5299; oats, 8.6455; rye, 1.6777; pastures, 21.0042; meadows, 11.9666; Irish potatoes, 1.0688; orchards, 1.0587; other crops and uncultivated land, 33.0555.

Wheat annually consumed, 153,256 bushels; used for seed annually, 2,193 bushels; deficit, 125,344 bushels.

FRUIT CROP, 1884.—Apples, bushels, 30,971; value, $27,564. Vineyards: gallons wine, 790; value, $1,185; pounds grapes, 11,360; value, $567.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 180,077; value, $27,011. Cream sold, gallons, 15,192; value, $9,115. Butter, pounds sold, 302,063; value, $66,424. Cheese, pounds sold, 40; value, $5.

ANIMAL PRODUCTS, 1884.—Fat cattle, number sold, 4,594; gross weight, 4,594,000 pounds; value, $222,809. Fat hogs, number sold, 1,9661; gross weight, 4,659,657 pounds; value, $209,684. Fat sheep, number sold, 635; gross weight, 64,135; value, $2,116. Wool, pounds, 12.716; value, $4,832.

LIVE STOCK, MAY, 1884.—Number horses, 7,795; foals, 1883, 901; number cattle, 19,974; number hogs, 23,688; number sheep, 2,885. Distribution of stock, number to each square mile: Horses, 19; cattle 48; hogs, 57; sheep, 7.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 520,043; number farms, 1880, 1,828; average size farms, 146 acres; average value lands per acre, $20.34, taxation per acre, $0.87; value farm products per acre $7.16; value animal products per acre, $2.03; road and bridge tax, $17,775.

COAL.—Number mines, 21; annual capacity, 104,643 tons; price at mines, $1.94 per ton; number miners, 311; capital employed, $266,455.

SALINE COUNTY.

Corn, acres, 18,557; yield, 388,925 bushels; value, $136,124. Hay, acres meadow, 7,492, yield, 13,111 tons; value, $17,990. Winter wheat, acres, 15,689; yield, 141,201 bushels; value, $98,841. Oats, acres, 3,323; yield, 122,951 bushels; value, $30,738. Irish potatoes, acres, 71; yield, 7,100 bushels; value, $1,775. Rye, acres, 6; yield, 48 bushels; value, $25. Spring wheat, acres, 162; yield, 2,592 bushels; value, $1,996. Broom corn, acres, 8; yield, 4 tons; value, $304. Sorghum, acres, 152; yield, 9,120 gallons; value, $3,192. Sweet potatoes, acres, 9; yield, 540 bushels; value, $405. Tobacco, acres, 1,110; yield, 789,210 pounds; value, $86,813. Buckwheat, acres, 4; yield, 64; value, $43. Timothy seed, bushels, 21; value, $37. Clover seed, bushels, 1,987; value, $8,941.

Average yield per acre crops past nine years: Corn, 26 bushels; Wheat, 11 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 6,4651; winter wheat, 6.5200; spring wheat, .0673; oats, 1.3810; rye, .0025; pastures, 2.1253; meadows, 3,1135; Irish potatoes, .0295; orchards, .4131; other crops and uncultivated land, 79.8827.

Wheat annually consumed, 63,760 bushels; used for seed annually, 21,135 bushels; surplus, 58,898 bushels.

FRUIT CROP, 1884—Apples bushels, 13,743; value, $10,307. Peaches, bushels, 2,931; value, $5,276. Vineyards: pounds grapes, 282; value, $14.

DAIRY PRODUCTS, 1884—Cream, gallons sold, 65; value, $30. Butter, pounds sold, 15,698; value, $3,140.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,393; gross weight, 1,450,113 pounds; value, $61,630. Fat hogs, number sold, 13,028; gross weight, 2,970,364 pounds; value, $132,181. Fat sheep, number sold, 1,824; gross weight, 184,224 pounds; value, $6,079. Wool, pounds, 15,288; value, $3,822.

LIVE STOCK, MAY, 1884—Number horses, 3,132; foals, 1883, 167; number cattle, 6,057; number hogs, 15,696; number sheep, 8,290. Distribution of stock, number to each square mile: Horses, 8; cattle, 16; hogs, 42; sheep, 22.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 7,957; number farms, 1880, 1,912, average size farms, 126 acres; average value lands per acre, 1884, $7.44; taxation, per acre, $0.34; value farm products per acre, $3.01; value animal products per acre, $0.86.

COAL—Number mines, 7; annual capacity, 95,767 tons; price at mines, $1.36 per ton; number miners, 164; capital employed, $32,135.

SANGAMON COUNTY.

Corn, acres, 145,120; yield, 4,788,960 bushels; value, $1,197,240. Hay, acres meadow, 36,387; yield, 72,774 tons; value, $363,870. Winter wheat, acres, 53,796; yield, 753,144 bushels; value, $557,326. Oats, acres, 24,809; yield, 917,933 bushels; value, $211,124. Irish potatoes, acres, 1,269; yield, 158,695 bushels; value, $50,760. Rye, acres, 1,759; yield, 22,867 bushels; value, $11,891. Spring wheat, acres, 145; yield, 2,320 bushels; value, $1,786. Broom corn, acres, 28; yield, 14 tons; value, $1,064. Barley, acres, 51; yield, 1,326 bushels; value, $756. Sorghum, acres, 61; yield, 6,100 gallons; value, $3,172. Sweet potatoes, acres, 21; yield, 1,974 bushels; value, $1,579. Buckwheat, acres, 1; yield, 16; value, $11. Timothy seed, bushels, 2,673; value, $3,208. Clover seed, bushels, 70; value, $318. Beans, acres, 2; yield, 26 bushels; value, $39.

Average yield per acre crops past nine years: Corn, 35 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 29.3868; winter wheat, 9.7798; spring wheat, .0263; oats, 4.5109; rye, .3198; pastures, 19.8623; meadows, 6 6161; Irish potatoes, .2307; orchards, .7475; other crops and uncultivated land, 31.5298.

Wheat annually consumed, 211,608 bushels; used for seed annually, 71,921 bushels; surplus, 471,935 bushels.

FRUIT CROP, 1884--Apples, bushels, 79,039; value, 52,956. Peaches, bushels, 685; value, $1,233. Vineyards: gallons wine, 490; value, $637; pounds grapes, 1,806; value, $181.

DAIRY PRODUCTS, 1884—Gallons milk sold, 152,027; value, $38,007. Cream, gallons sold, 5,096; value, $2,395. Butter, pounds sold, 222,021; value, $44,401.

ANIMAL PRODUCTS—Fat cattle, number sold, 9,068; gross weight, 11,335,000 pounds; value, $578,085. Fat hogs, number sold, 44,052; gross weight, 9,603,336 pounds; value, $446,555. Fat sheep, number sold, 3,501; gross weight, 332,595 pounds; value, $12,805. Wool, pounds, 88,041; value, $13,205.

LIVE STOCK, MAY, 1884—Number horses, 18,336; foals, 1883, 1,719; number cattle, 39,428; number hogs, 53,075; number sheep, 15,915. Distribution of stock, number to each square mile: Horses 21; cattle, 46; hogs, 62; sheep, 18.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 4,806,619; number farms, 1880, 4,015; average size farms, 136 acres; average value lands per acre, 1884, $33.54; taxation per acre, $0.74; value farm products per acre, $7.20; value animal products per acre, $2.06; road and bridge tax, $50,272.

COAL—Number mines, 15; annual capacity, 820,326; price at mines, $1.17 per ton; number miners, 1,187; capital employed, $537,000.

SCHUYLER COUNTY.

Corn, acres, 39,686, yield, 1,428,696 bushels; value, $418,322. Hay, acres meadow, 18,666; yield, 41,998 tons; value, $209,990. Winter wheat, acres, 33,509; yield, 569,653 bushels; value, $450,025. Oats, acres, 10,388; yield, 446,684 bushels; value, $107,204. Irish potatoes, acres, 452, yield, 63,280 bushels; value, $17,086. Rye, acres, 542; yield, 8,672 bushels; value, $3,989. Spring wheat, acres, 72; yield, 1,152 bushels; value, $887. Broom corn, acres, 4; yield, 2 tons; value, $120. Sorghum, acres, 166; yield, 1,826 gallons; value, $7,852. Sweet potatoes, acres, 8; yield, 752 bushels; value, $489. Tobacco, acres, 1; yield, 711 pounds; value, $142. Buckwheat, acres, 32; yield, 515; value, $256. Timothy seed, bushels, 3,165; value, $3,323. Clover seed, bushels, 7,639; value, $33,230. Beans, acres, 8; yield, 160 bushels; value, $240.

Average yield per acre crops past nine years: Corn, 33 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 14.1787; winter wheat, 11,9719; spring wheat, .0257; oats, 3.7113; rye, .1936; pastures, 14.0923; meadows, 6.6608; Irish potatoes, .1615; orchards, .9221; other crops and uncultivated land, 48.0791.

Wheat annually consumed, 64,996 bushels; used for seed annually, 44,775 bushels, surplus, 461,034 bushels.

FRUIT CROP, 1884—Apples, bushels, 74,006; value, $37,063. Vineyards: pounds grapes, 780; value, $31.

DAIRY PRODUCTS, 1884—Gallons milk sold, 210; value, $50. Butter, pounds sold, 106,098; value, $18,037. Cheese, pounds sold, 50; value, $7.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,813; gross weight, 4,335,381 pounds; value, $210,206. Fat hogs, number sold, 24,132; gross weight, 4,995,324 pounds; value, $242,273. Fat sheep, number sold, 1,568; gross weight, 180,960 pounds; value, $5,881. Wool, pounds, 24,191; value, $4,112.

LIVE STOCK, MAY, 1884—Number horses, 6,756; foals, 1883, 740; number cattle, 16,579; number hogs, 29,075; number sheep, 6,857. Distribution of stock, number to each square mile: Horses, 15; cattle, 38; hogs, 66; sheep, 16.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 781,259; number farms, 1880, 1,929; average size farms, 145 acres; average value lands per acre, 1884, $18.64; taxation, per acre, $0.32; value farm products per acre, $6.97; value animal products per acre, $1.72; road and bridge tax, $10,498.

COAL—Number mines, 5; annual capacity, 12,876 tons; price at mines, $1.66 per ton; number miners, 40; capital employed, $8,800.

SCOTT COUNTY.

Corn, acres, 12,855; yield, 514,200 bushels; value, $153,976. Hay, acres meadow, 2,469; yield, 4,938 tons; value, $24,690. Winter wheat, acres, 11,905; yield, 178,575 bushels; value, $133,931. Oats, acres, 1,099; yield, 43,960 bushels; value, 10,990. Irish potatoes, acres, 61; yield, 8,662 bushels; value, $3,205. Rye, acres, 95; yield, 1,425 bushels; value, $741. Spring wheat, acres, 16; yield, 256 bushels; value, $197. Sorghum, acres, 3; yield, 360 gallons; value, $169. Timothy seed, bushels, 12; value, $24.

Average yield per acre, past nine years: Corn, 40 bushels; Wheat, bushels, 17.

Per cent. of area to total acreage in county in 1884: Corn, 8.0676; winter wheat, 7.4708; spring wheat, .0100; oats, .6896; rye, .0596; pastures, 4.4109; meadows, 1.5494; Irish potatoes, .0383; orchards, .2021; other and uncultivated land 77.5017

Wheat annually consumed 42,980 bushels; used for seed annually, 15,895 bushels; surplus, 119,956 bushels.

FRUIT CROP, 1884.—Apples, bushels, 6,169; value, $5,120.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 100; value, $20. Butter, pounds sold, 19,333; value, $3,480.

ANIMAL PRODUCTS.—Fat cattle, number sold, 1,412; gross weight, 1,740,996 pounds; value, $89,661. Fat hogs, number sold, 12,908; gross weight, 3,033,380 pounds; value, $133,469. Fat sheep, number sold, 832; gross weight, 91,520 pounds; value, $3,332. Wool pounds, 11,208; value, $2,354.

LIVE STOCK, MAY, 1884.—Number horses, 3,991; foals, 1883, 141; number cattle, 6,138; number hogs, 15,552; number sheep, 3,780. Distribution of stock, number to each square mile: Horses, 16; cattle, 25; hogs, 62, sheep, 15.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 394,645; number farms, 1880, 1,046; average size farms, 151 acres; average value lands per acre, 1884, $23 32; taxation per acre, $0.34; value farm products per acre, $3.69; value animal products, per acre, $1.46; road and bridge tax, $2,243.

COAL.—Number mines, 1; annual capacity, 10,280 tons; price, at mines, $1.81 per ton; capital employed, $6,800

SHELBY COUNTY.

Corn, acres, 86,308; yield, 233,316 bushels; value, $582,569. Hay, acres meadow, 41,914; yield, 83,828 tons; value, $364,652. Winter wheat, acres, 54,947; yield, 659,364 bushels; value, $407,710. Oats, acres, 31,867; yield, 1,306,547 bushels; value, $326,637. Irish potatoes, acres, 989; yield, 143,405 bushels; value, $53,060. Rye, acres, 770; yield, 10,010 bushels; value, $5,?05. Spring wheat, acres, 59; yield, 944 bushels; value, $727. Broom corn, acres, 19; yield, 9 tons; value, $684. Barley, acres, 28; yield, 728 bushels; value, $415. Sorghum, acres, 193; yield, 14,089 gallons; value, $6,763. Sweet potatoes, acres, 6; yield, 882 bushels; value, 785. Tobacco, acres, 1; yield, 711 pounds; value, $78. Flax, acres, 22; yield, 198 bushels; value, $232. Buckwheat, acres, 23; yield, 253 bushels; value, $223. Timothy seed, bushels, 2,170; value, 2,170. Clover seed, bushels, 245; value, 1,311. Beans, acres, 8; yield, 112 bushels; value, $197.

Average yield per acre crops past nine years: Corn, 28 bushels; Wheat, 15 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 17.8056; winter wheat, 11.3357; spring wheat, .0122; oats, 5.5742; rye, .1588; pastures, 13.4412; meadows, 8.6467; Irish potatoes, .2040; orchards, .9779; other crops and uncultivated land, 59.8435.

Wheat annually consumed, 121,128 bushels; used for seed annually, 73,341 bushels; surplus, 465,739 bushels.

FRUIT CROP, 1884—Apples, bushels, 97,318; value, $73,962. Peaches, bushels, 17; value, $31. Vineyards: gallons wine, 154; value, $131; pounds grapes, 9: value, $1.

DAIRY PRODUCTS, 1884—Gallons milk sold, 4,983; value, $598. Butter, pounds sold, 114,921; value, $16,229.

ANIMAL PRODUCTS—Fat cattle, number sold, 5,536; gross weight, 6,234,662 pounds; value, $286,794. Fat hogs, number sold, 35,111; gross weight, 8,215,974; value, $357,395. Fat sheep, number sold, 3,860; gross weight, 471,420 pounds; value, $19,092. Wool, pounds, 88,923; value, $18,885.

LIVE STOCK, MAY, 1884—Number horses, 13,538; foals, 1883, 896; number cattle, 24,073; number hogs, 42,302; number sheep, 22,091. Distribution of stock, number to each square mile: Horses, 18; cattle, 33; hogs, 56; sheep, 29.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 918,305; number farms, 1880, 4,263; average size farms, 114 acres; average value lands per acre, 1884, $18.80; taxation per acre, $0.43; value farm products per acre, $5.56; value animal products per acre, $1.44; road and bridge tax, $28,591.

COAL—Number mines, 6; annual capacity, 10,205 tons; price at mines, $2.27 per ton; number miners, 58; capital employed, $5,200.

STARK COUNTY.

Corn, acres, 59,345; yield, 2,195,765 bushels; value, $68,687. Hay, acres meadow, 15,243; yield, 30,486 tons; value, $175,294. Winter wheat, acres, 270; yield, 4,050 bushels; value, $3,078. Oats, acres, 26,868; yield, 1,128,456 bushels; value, $270,829. Irish potatoes, acres, 474; yield, 57,354 bushels; value, $16,634. Rye, acres, 1,731; yield, 32,889 bushels; value, $16,444. Spring wheat, acres, 136; yield, 2,040 bushels; value, $1,571. Broom corn, acres, 26; yield, 13 tons; value, $988. Sorghum, acres, 62; yield, 6,200 gallons; value, $2,348. Sweet potatoes, acres, 4; yield, 100 bushels; value, $77. Timothy seed, bushels, 694; value, $1,145. Clover seed, bushels, 292; value, $1,241.

Average yield per acre crops past nine years: Corn, 36 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 32.7765; winter wheat, .1491; spring wheat, .0751; oats, 14.8393; rye, .9560; pastures, 20.2695; meadows, 8.4187; Irish potatoes, .2618; orchards, .5562; other crops and uncultivated land, 21.6978.

Wheat annually consumed, 44,836 bushels; used for seed annually, 541 bushels; surplus, 39,287 bushels.

FRUIT CROP, 1884—Apples, bushels, 7,408; value, $5,186. Vineyards: pounds grapes, 287; value, $20.

DAIRY PRODUCTS, 1884—Gallons milk, sold, 10,877; value, $2,175. Butter, pounds sold, 85,879; value, $16,317. Cheese, pounds sold, 300, value, $48.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,030; gross weight, 3,636,000 pounds; value, $181,800. Fat hogs, number sold, 28,022; gross weight, 8,826,930 pounds; value, $423,693. Fat sheep, number sold, 1,547; gross weight, 102,435 pounds; value, $5,441. Wool, pounds, 47,037; value, $8,937.

LIVE STOCK, MAY, 1884—Number horses, 6,769; foals, 1883, 772; number cattle, 13,174; number hogs, 33,761; number sheep, 7,034. Distribution of stock, number to each square mile: Horses, 24; cattle, 47; hogs, 119; sheep, 25.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 3,320,955; number farms, 1880, 1,280; average size farms, 141 acres; average value lands per acre, 1884, $30.80; taxation per acre, $0.69; value farm products per acre, $11.03; value animal products per acre, $3.52; road and bridge tax, $18,149.

COAL—Number mines, 19; annual capacity, 17,126 tons; price at mines, $1.60 per ton; number miners, 67; capital employed, $14,000.

ST. CLAIR COUNTY.

Corn, acres, 44,283; yield, 1,948,012 bushels; value, $720,764. Hay, acres meadow, 20,826; yield, 46,858 tons; value, $421,722. Winter wheat, acres, 127,721; yield, 1,660,373; value, $1,261,883. Oats, acres, 19,408; yield, 718,096 bushels; value, $179,524. Irish potatoes, acres, 3,255; yield, 221,340 bushels; value, $81,896. Rye, acres, 91; yield, 1,365 bushels; value, $710; Spring wheat, acres, 5; yield, 80 bushels; value, $62. Broom corn, acres, 2; yield, 1 ton; value, $50. Barley, acres, 155; yield, 4,340 bushels; value, $2,475. Sorghum, acres, 94; yield, 1,024 gallons; value, $2,959. Sweet potatoes, acres, 15; yield, 744 bushels; value, $848. Buckwheat, acres, 16; yield, 160; value, $107. Timothy seed, bushels, 76; value, $105. Clover seed, bushels, 2,124; value, $9,983. Beans, acres, 2; yield, 10 bushels; value, $19.

Average yield per acre crops past nine years: Corn, 38 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage, in county in 1884: Corn, 10.5903; winter wheat, 30.5515; spring wheat, .0012; oats, 4.6425; rye, .0218; pastures, 6.1318; meadows, 4.9817; Irish potatoes, .7786; orchards, .8987; other crops and uncultivated land, 43.4019.

Wheat annually consumed, 247,400 bushels; used for seed annually, 170,302 bushels; surplus, 1,242,752 bushels.

FRUIT CROP, 1884—Apples, bushels, 35,654; value, $26,453. Peaches, bushels, 182; value, $182. Vineyards: gallons wine, 5,634; value, $3,662; pounds grapes, 45,727; value, $1,829.

DAIRY PRODUCTS, 1884—Gallons milk sold, 18,846; value, $3,581. Cream, gallons sold, 260; value, $200. Butter, pounds sold, 280,661; value, $67,359. Cheese, pounds sold, 39,765; value, $4,264.

ANIMAL PRODUCTS—Fat cattle, number sold, 5,606; gross weight, 2,475,700 pounds; value, $97,790. Fat hogs, number sold, 16,826; gross weight, 4,576,67. pounds; value, $212,815. Fat sheep, number sold, 1,242; gross weight, 119,232 pounds; value, $5,219. Wool, pounds, 26,910; value, $5,113.

LIVE STOCK, MAY, 1884—Number horses, 8,383; foals, 1883, 810; number cattle, 11,332; number hogs, 20,272; number sheep, 5,646. Distribution of stock, number to each square mile: Horses, 13; cattle, 17; hogs, 31; sheep, 9.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 272,119; number farms, 1880, 3,318; average size farms, 126 acres; average value lands per acre, 1884, $48.22; taxation per acre, $0.87; value farm products per acre, $7.65; value animal products per acre, $0.94; road and bridge tax, $54,779.

COAL—Number mines, 70; annual capacity, 1,067,270 tons; price at mines, $0.81 per ton; number miners, 1,512; capital employed, $631,731.

STEPHENSON COUNTY.

Corn, acres, 78,569; yield, 2,985,622 bushels; value, $895,687. Hay, acres meadow, 40,008; yield, 80,016 tons; value, $400,080. Winter wheat, acres, 5,451; yield, 109,020 bushels; value, $83,945. Oats, acres, 52,288; yield, 1,986,944 bushels; value, $496,736. Irish potatoes, acres, 1,751; yield, 161,092 bushels; value, $54,771. Rye, acres, 16,218; yield, 373,014 bushels; value, $190,237. Spring wheat, acres, 3,913; yield, 66,521 bushels; value, $47,895. Barley, acres, 10,359; yield, 260,100 bushels; value, $107,640. Sorghum, acres, 87; yield, 5,220 gallons; value, $2,506. Sweet potatoes, acres, 3; yield, 282 bushels; value, $220. Tobacco, acres, 235; yield, 235,000 pounds; value, $25,850. Flax, acres, 7; yield, 63 bushels seed; value, $74. Buckwheat, acres, 53; yield, 795; value, $517. Timothy seed, bushels, 1,317; value, $1,514. Clover seed, bushels, 3,126; value, $13,129. Beans, acres, 8; yield, 184 bushels; value, $135.

Average yield per acre crops past nine years: Corn, 36 bushels; Wheat, 18 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 21.9933; winter wheat, 1.5259; spring wheat, 1.0953; oats, 14.6406; rye, 4.5398; pastures, 17.9235; meadows, 11,1992; Irish potatoes, .4902; orchards, .7661; other crops and uncultivated land, 25.8261.

Wheat annually consumed, 127,880 bushels; used for seed annually, 12,485 bushels; surplus, 35,176 bushels.

FRUIT CROP, 1884—Apples, bushels, 5,573; value, $5,127. Vineyards: gallons wine, 58; value, $75; pounds grapes, 187; value, $9.

DAIRY PRODUCTS, 1884—Gallons milk sold, 230,181; value, $34,527. Cream, gallons sold, 112,694; value, $45,078. Butter, pounds sold, 676,099; value, $135,220. Cheese, pounds sold, 5,631; value, $619.

ANIMAL PRODUCTS—Fat cattle, number sold, 8,348; gross weight, 8,974,100 pounds; value, $372,425. Fat hogs, number sold, 39,334; gross weight, 9,988,276 pounds; value, $474,444. Fat sheep, number sold, 1,847; gross weight, 175,465 pounds; value, $6,404. Wool, pounds, 45,702; value, $8,633.

LIVE STOCK, MAY, 1884—Number horses, 11,364; foals, 1883, 1,125; number cattle, 36,297; number hogs, 47,478; number sheep, 8,394. Distribution of stock, number to each square mile: Horses, 20; cattle, 65; hogs, 85; sheep, 15.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 23,334; number farms, 1880, 3,099; average size farms, 115 acres; average value lands per acre, 1884, $26.20; taxation per acre, $0.57; value farm products per acre, $10.31; value animal products per acre, $3.01; road and bridge tax, $23,730.

TAZEWELL COUNTY.

Corn, acres, 104,911; yield, 2,832,597 bushels; value, $821,453. Hay, acres meadow, 30,600; yield, 53,550 tons; value, $227,587. Winter wheat, acres, 27,584; yield, 386,176 bushels; value, $293,484. Oats, acres, 45,301; yield, 1,494,933 bushels; value, $343,834. Irish potatoes, acres, 1,066; yield, 149,240 bushels; value, $53,726. Rye, acres, 2,004; yield, 18,036 bushels; value, $8,477. Spring wheat, acres, 265; yield, 4,240 bushels; value, $3,265. Barley, acres, 37; yield, 962 bushels; value, $548. Sorghum, acres, 18; yield 1,800 gallons; value, $900. Sweet potatoes, acres, 178; yield, 22,250 bushels; value, $15,575. Buckwheat, acres, 18; yield, 288; value, $144. Timothy seed, bushels, 2,732; value, $2,732. Clover seed, bushels, 3,551; value, $16,335. Beans, acres, 2; yield, 26 bushels; value, $42.

Average yield per acre crops past nine years: Corn, 28 bushels; Wheat, 18 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 25.5481; winter wheat, 6.7173; spring wheat, .0645; oats, 11.0318; rye, .4880; pastures, 13.9577; meadows, 7.4517; Irish potatoes, .2596; orchards, .7101; other crops and uncultivated land, 33.7812.

Wheat annually consumed, 118,716 bushels; used for seed annually, 37,132 bushels; surplus, 234,568 bushels.

FRUIT CROP, 1884—Apples, bushels, 28,984; value, $20,579. Vineyards: gallons, wine, 124; value, $124; pounds grapes, 493; value, $25.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 42,014: value, $8,403. Cream, gallons sold, 3,366; value, $1,893. Butter, pounds sold, 308,314; value, $58,570. Cheese, pounds sold, 3,985; value, $598.

ANIMAL PRODUCTS.—Fat cattle, number sold, 4,935: gross weight, 5,759,145 pounds; value, $302,355; Fat hogs, number sold, 29,351; gross weight, 7,190,995 pounds; value, $212,808; Fat sheep, number sold, 2,335; gross weight, 233,500 pounds; value, $7,589; Wool, pounds, 55,553, value, $9,444.

LIVE STOCK, MAY, 1884.—Number horses, 11,711: foals, 1883, 1,204: number cattle, 21,459; number hogs, 35,364; number sheep, 10,616. Distribution of stock, number to each square mile. Horses, 18; cattle, 33; hogs, 55; sheep, 16.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 7,859,317; number farms, 1880, 2,800; average size farms, 146 acres; average value lands per acre, 1884, $28.78; taxation per acre, $0.61; value farm products per acre, $6.64; value animal products per acre, $1.71; road and bridge tax, $35,316.

COAL—Number mines, 8; annual capacity, 33,590 tons; price at mines, $1.57 per ton; number miners, 95; capital employed, $22,000.

UNION COUNTY.

Corn, acres, 12,113; yield, 41,842 bushels; value, $164,737. Hay, acres meadow, 8,326; yield, 16,652 tons; value, $187,335. Winter wheat, acres, 23,122; yield, 323,708 bushels; value, $251,492. Oats, acres, 3,641; yield, 112,871 bushels: value, $50,792. Irish potatoes, acres, 4,091; yield, 347,735 bushels; value, $132,139. Rye, acres, 88: yield, 1,320 bushels; value, $1,122. Barley, acres, 47; yield, 1,222 bushels; value, $696. Sorghum, acres, 93; yield, 8,370 gallons; value, $3,766. Sweet potatoes, acres, 327; yield, 24,525 bushels; value, $9,810. Tobacco, acres, 16; yield, 11,376 pounds; value, $1,251. Buckwheat, acres, 8; yield, 128; value, $128. Timothy seed, bushels, 10; value, $14. Clover seed, bushels, 1,191; value, $5,181. Beans, acres, 2; yield, 26 bushels; value, $39.

Average yield per acre crops past nine years: Corn, 28 bushels; Wheat, 14 bushels.

Per cent of area to total acreage in county in 1884: Corn, 5.2266; winter wheat, 9.9769; oats, 1.5710; rye, .0380; pastures, 2.0340; meadows, 3.5925; Irish potatoes, 1.7652; orchards, 1.5521; other crops and uncultivated land, 74.2437.

Wheat annually consumed, 72,400 bushels; used for seed annually, 30,496 bushels; surplus, 220,812 bushels.

FRUIT CROP, 1884—Apples, bushels, 22,212; value, $20,657; Peaches, bushels, 8,539; value, $15,370.

DAIRY PRODUCTS, 1884—Gallons milk sold, 13,000 : value, $2,600; Cream sold, gallons, 18; value, $7; Butter, pounds sold, 31,522; value, $6,935; Cheese, pounds sold, 53; value, $7.

ANIMAL PRODUCTS—Fat cattle, number sold, 1,681; gross weight, 1,092,650 pounds; value, $36,604. Fat hogs, number sold, 13,115; gross weight, 2,649,230 pounds; value, $101,995. Fat sheep, number sold, 1,212; gross weight, 100,596 pounds; value, $3,018. Wool, pounds, 9,822; value, $3,241.

LIVE STOCK, MAY, 1884—Number horses, 3,881; foals 1883, 184; number cattle, 7,309; number hogs, 15,801; number sheep, 5,511. Distribution of stock, number to each square mile. Horses, 10; cattle, 20; hogs, 44; sheep 15.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 460; number farms, 1880, 1,673; average size farms, 132 acres; average value lands per acre, 1884, $928; taxation per acre, $0.23; value farm products per acre, $4.76; value animal products per acre, $0 67.

VERMILION COUNTY.

Corn, acres, 134,683; yield, 4,579,222 bushels; value, $1,144,805. Hay, acres, meadow, 53,913; yield, 80,809 tons; value, $323,476. Winter wheat, acres, 29,312; yield, 381,056 bushels; value, $289,602. Oats, acres, 47,714; yield, 1,765,418 bushels; value, $441,354. Irish potatoes, acres, 1,361; yield, 122,490 bushels; value, $33,072. Rye, acres, 2,085; yield, 41,700 bushels; value, $20,016. Spring wheat, acres, 35; yield, 560 bushels; value, $431. Barley, acres, 24; yield, 624 bushels; value, $357. Sorghum, acres, 263; yield, 26,300 gallons; value, $17,095. Sweet potatoes, acres, 1; yield, 94 bushels; value, $94. Tobacco, acres, 3; yield, 2,133 pounds; value, $235. Flax, acres, 2,602; yield, 20,020 bushels; value, $27,321. Buckwheat, acres, 35; yield, 560; value, $381. Timothy seed, bushels, 8,904; value, $9,090. Clover seed, bushels, 1,200; value, $4,800. Beans, acres, 18; yield, 234 bushels; value, $374.

Average yield per acre crops past nine years: Corn, 29 bushels; Wheat, 16 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 23.8503; winter wheat, 5.1907; spring wheat, .0062; oats, 8.4494; rye, .3692; pastures, 22.2199; meadows, 9.5471; Irish potatoes, .2410; orchards, .7269; other crops and uncultivated land, 29.3993.

Wheat annually consumed, 166,400 bushels; used for seed annually, 39,129 bushels; surplus, 176,087 bushels.

FRUIT CROP, 1884—Apples, bushels, 104,984; value, $59,841. Peaches, bushels, 147; value, $265. Vineyards: pounds grapes, 1,518; value, $76.

DAIRY PRODUCTS, 1884—Gallons milk sold, 15,336; value, $3,067. Cream, gallons sold, 131; value, $61. Butter, pounds sold, 176,815; value, $31,827. Cheese, pounds sold, 6,208; value, $745.

ANIMAL PRODUCTS—Fat cattle, number sold, 7,585; gross weight, 10,998,250 pounds; value, $566,410. Fat hogs, number sold, 41,199; gross weight, 9,764,163 pounds; value, $439,387. Fat sheep, number sold, 6,080; gross weight, 638,400 pounds, value, $20,748. Wool pounds, 137,031; value, $24,665.

LIVE STOCK, MAY, 1884—Number horses, 17,056; foals, 1883, 1,371; number cattle, 32,980; number hogs, 49,638; number sheep, 27,439. Distribution of stock, number to each square mile: Horses, 19; cattle, 37; hogs, 56; sheep, 31.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 7,297,990; number farms, 1880, 3,995, average size farms, 141 acres; average value lands per acre, 1884, $26.06; taxation per acre, $0.68; value farm products per acre, $7.07; value animal products per acre, $1.92; road and bridge tax, $71,018.

COAL—Number mines, 48; annual capacity, 620,808 tons; price at mines, $1.26 per ton; number miners, 1,312; capital employed, $1,020,000.

WABASH COUNTY.

Corn, acres, 19,162; yield, 498,212 bushels, value, $159,428. Hay, acres meadow, 8,339; yield, 14,593; tons; value, $78,072. Winter wheat, acres, 27,180; yield, 326,160 bushels; value, $247,882. Oats, acres, 4,602; yield, 133,458 bushels; value, $33,364; Irish potatoes, acres, 151; yield, 12,835 bushels; value, $5,262. Rye, acres, 8; yield, 120 bushels; value, $62. Broom corn, acres, 11; yield, 5 tons; value, $380 Barley, acres, 3; yield, 78 bushels; value, $44. Sorghum, acres, 67; yield, 4,355 gallons; value, $1,916. Buckwheat, acres, 1; yield, 16; value, $11. Timothy seed, bushels, 216; value, $292. Clover seed, bushels, 3,410; value, $14,151. Beans, acres, 2; yield, 20 bushels; value, $40.

Average yield per acre crops past nine years: Corn, 26 bushels; Wheat, 13 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 12.5581; winter wheat, 17.8128; oats, 3.0160; rye, .0052; pastures, 9.2662; meadows, 5.4651; Irish potatoes, .0989; orchards, .7884; other crops and uncultivated land, 50.9893.

Wheat annually consumed, 39,780 bushels; used for seed annually, 36,240 bushels, surplus, 250,140 bushels.

FRUIT CROP, 1884.—Apples, bushels, 17,905; value $12,892. Peaches, bushels; 140; value, $252. Vineyards: pounds grapes, 576; value $29.

DAIRY PRODUCTS, 1884.—Butter, pounds sold, 27,367; value $5,473.

ANIMAL PRODUCTS.—Fat cattle, number sold, 1,090; gross weight, 1,021,330 pounds; value $36,257. Fat hogs, number sold, 6,553; gross weight 1,284,388 pounds; value, $51,375. Fat sheep, number sold, 1,150; gross weight, 105,800 pounds; value, $3,015. Wool, pounds, 25,452; value, $5,090.

LIVE STOCK, MAY, 1884.—Number horses, 2,275; foals 1883, 90, number cattle, 4,740; number hogs, 7,895; number sheep, 5,226. Distribution of stock, number to each square mile: Horses, 9; cattle 20; hogs, 33; sheep, 22.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 272,674; number farms, 1880, 928; average size farms, 164 acres; average value of lands per acre, 1884, $14.96; taxation per acre, $0.52; value farm products per acre, $4.57; value animal products per acre, $0.66; road and bridge tax $1,977.

WARREN COUNTY.

Corn, acres, 97,398; yield, 3,408,730 bushels; value, $1,022,679. Hay, acres meadow, 33,035; yield, 66,070 tons; value, $267,583. Winter wheat, acres, 710; yield, 10,650 bushels; value, $9,585. Oats, acres, 43,149; yield, 1,941,705 bushels; value, $485,426. Irish potatoes, acres, 934; yield, 134,694 bushels; value, $39,508. Rye, acres, 2,435; yield, 43,830 bushels; value, $21,915. Spring wheat, acres, 382; yield 5,730 bushels; value, $4,870. Broom corn, acres, 55; yield, 27 tons; value, $1,080. Barley, acres, 5; yield, 130 bushels; value, $74. Sorghum, acres, 147; yield, 22,050 gallons; value $8,820. Sweet potatoes, acres, 3; yield, 282 bushels; value, $381. Buckwheat, acres, 15; yield, 240; value, $163. Timothy seed, bushels, 1,528; value, $2,292. Clover seed, bushels, 303; value, $1,515. Beans, acres, 6; yield, 78 bushels; value, $125.

Average yield per acre crops past nine years: Corn, 35 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 28.6632; winter wheat, .2089; spring wheat, .1124; oats, 12.6983; rye, .7166; pastures, 31.4458; meadows, 9.7319; Irish potatoes, .2748; orchards, .5897; other crops and uncultivated land, 15.5684.

Wheat annually consumed, 91,760 bushels; used for seed annually, 1,456 bushels; deficit, 76,836 bushels.

FRUIT CROP, 1884.—Apples, bushels 27,324; value $20,493; Peaches, bushels, 37; value, $148. Vineyards: gallons wine, 832, value, $1,082.

DAIRY PRODUCTS, 1884.—Milk, gallons sold, 5,614; value, $1,010. Cream gallons sold, 17,066; value, $13,653. Butter, pounds sold, 156,612; value $29,756. Cheese, pounds sold, 9,687; value, $1,356.

ANIMAL PRODUCTS.—Fat cattle, number sold, 5,728; gross weight, 6,592,928 pounds; value, $309,868. Fat hogs, number sold, 37,600; gross weight, 10,114,400 pounds; value, $439,976. Fat sheep, number sold, 1,349; gross weight, 144,343 pounds; value, $4,619. Wool, pounds, 40,505; value, $7,291.

LIVE STOCK, MAY, 1884.—Number horses, 12,563; foals 1883, 2,128; number cattle, 24,904; number hogs, 45,301; number sheep, 6,138. Distribution of stock, number to each square mile: Horses, 23; cattle 47; hogs, 85; sheep 11.

MISCELLANEOUS.—Number feet drain tile laid to January, 1884, 3,406,575; number farms, 1880, 2,519; average size farms, 135 acres, average value lands per acre, 1884, $26.82; taxation per acre, $0.51; value farm products per acre, $9.74; value animal products per acre, $2.38; road and bridge tax $28,734.

COAL.—Number mines, 23; annual capacity, 17,224 tons; price at mines, $1.98 per ton; number miners, 92; capital employed, $6,295.

WASHINGTON COUNTY.

Corn, acres, 32,425; yield, 486,375 bushels; value, $184,822. Hay, acres meadow, 7,032; yield, 10,548 tons; value, $63,288. Winter wheat, acres, 93,636 bushels; yield, 842,724; value, $657,325. Oats, acres, 31,214; yield, 842,778 bushels; value, $210,694. Irish potatoes, acres, 939; yield, 58,218 bushels; value, $23,287. Rye, acres, 108; yield, 1,404 bushels; value, $842. Spring wheat, acres, 7; yield, 113 bushels; value, $86. Broom corn, acres, 6; yield, 3 tons; value, $120. Barley, acres, 28; yield, 728 bushels; value, $415. Sorghum, acres, 258; yield, 20,640 gallons; value, $8,256. Sweet potatoes, acres, 20; yield, 1,440 bushels; value, $965. Buckwheat, acres, 3; yield, 48; value, $26. Timothy seed, bushels, 47; value, $87. Clover seed, bushels, 63; value, $$46. Beans, acres, 17; yield, 221 bushels; value, $331.

Average yield per acre crops past nine years: Corn, 24 bushels; Wheat, 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 9 4436; winter wheat, 27.2710; spring wheat, .0020; oats, 9.3821; rye, .0314; pastures, 6.6509; meadows, 2.0480; Irish potatoes, .2735; orchards, .8076; other crops and uncultivated land, 44.0899.

Wheat annually consumed, 84,468 bushels; used for seed annually, 124,857 bushels; surplus, 633,511.

FRUIT CROP, 1884—Apples, bushels, 74,263; value, $74,263. Peaches, bushels, 760; value, $1,368. Vineyards: gallons wine, 30; value, $22; pounds grapes, 248; value, $10.

DAIRY PRODUCTS, 1884—Gallons milk sold, 430; value, $86. Cream, gallons sold, 300 value, $141. Butter, pounds sold, 86,939; value, $17,388. Cheese, pounds sold, 1,025; value, $154

ANIMAL PRODUCTS—Fat cattle, number sold, 2,009; gross weight, 2,009,000 pounds; value, $75,337. Fat hogs, number sold, 11,634; gross weight, 2,617,875 pounds; value, $100,788. Fat sheep, number sold, 1,262; gross weight, 172,894 pounds; value, $5,619. Wool, pounds, 16,911; value, $5,919.

LIVE STOCK, MAY, 1884—Number horses, 6,103; foals, 1883, 724; number cattle, 8,734; number hogs, 14,018; number sheep, 5,738. Distribution of stock, number to each square mile: Horses, 11; cattle, 16; hogs, 26; sheep, 11.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 8,342; number farms, 1880, 2,504; average size farms, 137 acres; average value lands per acre, 1884, $18.54; taxation per acre, $0.31; value farm products per acre, $4.31; value animal products per acre, $0.60; road and bridge tax, $11.079.

COAL—Number mines, 2; annual capacity, 45,415 tons; price at mines, $0.90 per ton; number miners, 70; capital employed, $13,500.

WAYNE COUNTY.

Corn, acres, 35,321; yield, 282,568 bushels; value, $104,550. Hay, acres meadow, 32,726; yield, 49,089 tons; value, $225,800. Winter wheat, acres, 27,320; yield, 273,200 bushels; value, $204,900. Oats, acres, 15,949; yield, 478,470 bushels; value, $100,479. Irish potatoes, acres, 343; yield, 21,576 bushels; value, $7,983. Rye, acres, 23; yield, 161 bushels; value, $84. Broom corn, acres, 6; yield, 3 tons; value, $228. Barley, acres, 2; yield, 52 bushels; value, $30. Sorghum, acres, 280; yield, 14,000 gallons; value, $6,300. Sweet potatoes, acres, 5; yield, 400 bushels; value, $292. Tobacco, acres, 40; yield, 32,000 pounds; value, $1,600. Flax, acres, 11; yield, 99 bushels seed; value, $116. Buckwheat, acres, 47; yield, 940; value, $470. Timothy seed, bushels, 32,318; value, $56,556. Clover seed, bushels, 459; value, $1,836. Beans, acres, 64; yield, 704 bushels; value, $1,056.

Average yield per acre crops past nine years: Corn, 21 bushels; Wheat, 11 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 7.8659; winter wheat, 6.0764; oats, 3.5473; rye, .0051; pastures, 5.3413; meadows, 7.2787; Irish potatoes, .0774; orchards, .9289; other crops and uncultivated land, 68.8890.

Wheat annually consumed, 85,188 bushels; used for seed annually, 36,427 bushels; surplus, 151,585 bushels.

FRUIT CROP, 1884—Apples, bushels, 147,935; value, $74,967. Vineyards: pounds grapes, 1,008; value, $50.

DAIRY PRODUCTS, 1884—Gallons milk sold, 627; value, $125. Butter, pounds sold, 51,062; value, $7,149.

ANIMAL PRODUCTS—Fat cattle, number sold, 3,808; gross weight, 3,046,400 pounds; value, $121,856. Fat hogs, number sold, 14,167; gross weight, 2,946,736 pounds; value, $135,550. Fat sheep, number sold, 3,709; gross weight, 418,778 pounds; value, $13,191. Wool, pounds, 50,524; value, $15,157.

LIVE STOCK, MAY, 1884—Number horses, 5,891; foals, 1883, 469; number cattle, 16,559; number hogs, 17,069; number sheep, 16,846. Distribution of stock, number to each square mile: Horses, 8; cattle, 23; hogs, 24; sheep, 24.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 18,752; number farms, 1880, 3,011; average size farms, 149 acres; average value lands per acre, 1884, $6.52; taxation per acre, $0.20; value farm products per acre, $2.55; value animal products per acre, $0.65; road and bridge tax, $7,293.

WHITE COUNTY.

Corn, acres, 38,058; yield, 951,450 bushels; value, $266,406. Hay, acres, meadow, 16,728; yield, 25,092 tons; value, $141,770. Winter wheat, acres, 45,421; yield, 590,473 bushels; value, $442,855 Oats, acres, 7,163; yield, 222,053 bushels; value, $55,513. Irish potatoes, acres, 368; yield, 42,016 bushels; value, $8,964. Rye, acres, 72; yield, 864 bushels; value, $449. Broom corn, acres, 7; yield, 3 tons; value, $228. Barley, acres, 100; yield, 2,600 bushels; value, $1,482. Sorghum, acres, 255; yield, 16,575 gallons; value, $$7,127. Sweet potatoes, acres, 50; yield, 3,850 bushels; value, $2,618. Tobacco, acres, 135; yield, 95,985 pounds; value, $5,759. Buckwheat, acres, 4; yield, 64; value, $43. Timothy seed, bushels, 89; value, $147. Clover seed, bushels, 5,014; value, $21,560. Beans, acres, 13; yield, 130 bushels; value, $292.

Average yield per acre crops past nine years: Corn, 24 bushels; Wheat, 13 bushels.

Per cent of area to total acreage in county in 1884: Corn 12.1276; winter wheat, 14.4738; oats, 2.2826; rye, .0229; pastures, 5.6989; meadows, 5.3305; Irish potatoes, .1173; orchards, .5789; other crops and uncultivated land, 59.3735.

Wheat annually consumed, 92,356 bushels; used for seed annually, 60,561 bushels; surplus, 437,556 bushels.

FRUIT CROP, 1884—Apples, bushels, 24,009; value, $16,326. Peaches, bushels, 2,224; value, $4,003. Vineyards: gallons wine, 104; value, $135; pounds grapes, 5,564; value, $222.

DAIRY PRODUCTS, 1884—Gallons milk sold, 3,513; value, $632; Cream, gallons sold, 27; value, $13. Butter, pounds sold, 29,337; value, $5,281. Cheese, pounds sold, 115; value, $15.

ANIMAL PRODUCTS.—Fat cattle, number sold, 2,439; gross weight, 2,358,513 pounds; value, $82,548. Fat hogs, number sold, 19,427; gross weight, 4,040,816 pounds; value, $191,926. Fat sheep, number sold, 1,571; gross weight, 161,813 pounds; value, $6,230. Wool pounds, 22,162; value, $4,654.

LIVE STOCK, MAY, 1884—Number horses, 5,249; foals, 1883, 264; number cattle, 10,604; number hogs, 23,406; number sheep, 7,142. Distribution of stock, number to each square mile: Horses, 11; cattle, 22; hogs, 48; sheep, 14.

MISCELLANEOUS.—Number feet drain tile laid to January 1, 1884, 540,388; number farms, 1880, 2,344; average size farms, 134; acres average value lands per acre, 1884, $11.16; taxation per acre, $0.40; value farm products per acre, $4.34; value animal products per acre, $0.93; road and bridge tax, $14,376.

WHITESIDE COUNTY.

Corn, acres, 88,796; yield, 2,219,900 bushels; value, $554,975 Hay, acres meadow, 48,313; yield, 96,626 tons; value, $483,130 Winter wheat, acres, 501; 7,014 bushels; value, $5,331. Oats, acres, 41,447; yield, 1,409,198 bushels; value, $352,299. Irish potatoes, acres, 1,588; yield, 127,040 bushels, value, $47,005. Rye, acres, 16,156; yield, 242,340 bushels; value, $126,017. Spring wheat, acres, 1,194; yield, 19,104 bushels; value, $15,283. Barley, acres, 194; yield, 5,044 bushels; value, $2,875. Sorghum, acres, 68; yield, 4,080 gallons, value, $2,040. Sweet potatoes, acres, 1; yield, 75 bushels; value, $65. Buckwheat, acres, 152; yield, 1,824; value, $1,222. Timothy seed, bushels, 8,232; value $8,644. Clover seed, bushels, 8,47; value, $3,388. Beans, acres, 21; yield, 525 bushels; value, $1,050.

Average yield, per acre crops past nine years: Corn, 29 bushels; Wheat, 14 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 20.5350; winter wheat, .1159; spring wheat, .2761; oats, 9.5851; rye, 3.7362; pastures, 19.2352; meadows, 11.1729; Irish potatoes, .3627; orchards, .6982; other crops and uncultivated land, 34.2827.

Wheat annually consumed 123,552 bushels, used for seed annually 1,787 bushels, deficit 104,543 bushels.

FRUIT CROP, 1884.—Apples, bushels, 3,458; value, $3,008. Peaches, bushels, 14; value, $25. Vineyards: gallons wine, 2; value $3; pounds grapes, 66; value, $5.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 21,334; value, $3,413. Cream, gallons sold, 203,671; value $122,203. Butter, pounds sold, 526,535; value, $110,572. Cheese, pounds sold, 5,080; value, $610.

ANIMAL PRODUCTS.—Fat cattle, number sold, 8,574; gross weight, 8,574,000; value, $349 960, Fat hogs, number sold, 30,420; gross weight, 7,909,200 pounds; value, $255,914. Fat sheep, number sold, 1,112; gross weight, 100,080 pounds; value, $3,002. Wool, pounds, 23,318; value, $3,731.

LIVE STOCK, MAY, 1884.—Number horses, 13,349; foals, 1883, 1,288; number cattle, 37,278; number hogs, 36,651; number sheep, 5,055. Distribution of stock, number to each square mile: Horses, 20; cattle, 55; hogs, 54; sheep, 7.

MISCELLANEOUS.—Number feet drain tile laid to January, 1884, 73,848; number farms, 1880, 2,903; average size farms, 149 acres; average lands per acre 1884, $22.38; taxation, per acre, $0.48; value farm products per acre, $6.86; value animal products per acre, $2.18; road and bridge tax, $38,764.

WILL COUNTY.

Corn, acres, 115,372; yield, 3,619,904 bushels; value, $1,402,923. Hay, acres meadow, 92,411; yield, 92,411 tons; value, $600,671. Winter wheat, acres, 1,264; yield, 25,280 bushels; value, $21,488. Oats, acres, 92,515; yield, 3,515,570 bushels; value, $1,054,671. Irish potatoes, acres, 3,024; yield, 293,328 bushels; value, $99,731. Rye, acres, 2,725; yield, 64,325 bushels; value, $24,089. Spring wheat, acres, 491; yield, 5,892 bushels; value, $4,537. Broom corn, acres, 30; yield, 15 tons; value, $1,140. Barley, acres, 47; yield, 1,222 bushels; value $696. Sorghum, acres 6; yield, 240 gallons; value, $108. Flax, acres, 1,124; yield, 10,116 bushels seed; value, $11,836. Buckwheat, acres, 12; yield, 108; value, $70. Timothy seed, bushels, 2,910; value, $4,074. Clover seed, bushels, 4,654; value, $23,270. Beans, acres, 17; yield, 204 bushels; value, $275.

Average yield per acre crops past nine years: Corn, 30 bushels; Wheat, 15 bushels

Per cent. of area to total acreage in county in 1884: Corn, 21.8952; winter wheat, .2399 oats, 17.5953; rye, .5171; pastures, 22.3734; meadows, 17.5376; Irish potatoes, .7739; orchards, .8972; other crops and uncultivated 18.2772, land.

Wheat annually consumed, 213,696 bushels; used for seed annually, 2,350 bushels; deficit, 184,864 bushels.

FRUIT CROP, 1884—Apples, bushels, 46,697; value, $31,287. Vineyards: gallons wine, 799; value, $599; pounds grapes, 7,956; value, $477.

DAIRY PRODUCTS, 1884.—Gallons milk sold, 1,260,823; value, $198,123, Cream, gallons sold, 69,796; value, $21,295. Butter, pounds sold, 689,931; value, $158,684. Cheese, pounds sold, 66,501; value, $5,985.

ANIMAL PRODUCTS—Fat cattle, number sold, 9,058; gross weight, 10,117,786 pounds; value, $541,301. Fat hogs, number sold, 17,799; gross weight, 4,095,770 pounds; value, $206,836. Fat sheep, number sold, 1,120; gross weight, 155,040 pounds; value, $6,918. Wool, pounds, 30,404; value, $11,249.

LIVE STOCK, MAY, 1884—Number horses, 14,767; foals, 1883, 377; number cattle, 39,383; number hogs, 21,445; number sheep, 5,091. Distribution of stock, number to each square mile: Horses, 18; cattle, 48; hogs, 26; sheep, 6.

MISCELLANEOUS—Number feet drain tile laid to January 1, 8,044,,047; number farms, 1880, 3,665; average size farms, 143 acres; average value lands per acre, 1884, $26.00; taxation per acre, $0.62; value farm products per acre, $9.25; value animal products per acre, $2.17; road and bridge tax, $61,932.

COAL—Number, mines, 8; annual capacity, 465,657 tons; price at mines, $1.51 per ton; number miners, 1,427; capital employed, $153,000.

WILLIAMSON COUNTY.

Corn, acres, 15,860; yield, 412,360 bushels; value, $164,944. Hay, acres meadow, 10,240; yield, 17,920 tons; value, $121,856. Winter wheat, acres, 22,682; yield, 204,138 bushels; value, 151,062. Oats, acres, 3,457; yield, 103,710 bushels; value, $20,742. Irish potatoes, acres, 298; yield, 23,840 bushels; value, $10,728. Rye, acres, 28; yield, 420 bushels; value, $2,18. Spring wheat, acres, 38; yield, 608 bushels; value, $468. Sorghum, acres, 332; yield, 23,904 gallons; value, $9,083. Sweet potatoes, acres, 67; yield, 6,566 bushels; value, 3,086. Tobacco, acres, 717; yield, 466,040 pounds; value, $27,963. Timothy seed, bushels, 33; value, $82 Clover seed, bushels, 2,752; value, $11,008. Beans, acres, 62; yield, 744 bushels; value, $1,302.

Average yield per acre crops past nine years: Corn, 23 bushels; Wheat, 11 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 6.1751; winter wheat, 8.8312; spring wheat, .0148; oats, 1.3460; rye, .0109; pastures, 3.4410; meadows, 3.9869; Irish potatoes, .1160; orchards, .7647; other crops and uncultivated land, 75.3134.

Wheat annually consumed, 77,304 bushels; used for seed annually, 30,293 bushels; surplus, 97,149 bushels.

FRUIT CROP, 1884—Apples, bushels, 26,130; value, $15,155. Peaches, bushels, 6,697; value, $12,055; Vineyards, gallons wine, 830; value, $1079; pounds grapes, 58; value, $3.

DAIRY PRODUCTS, 1884—Butter, pounds sold, 34,810; value, $7,810. Cheese, pounds sold, 48; value, $6.

ANIMAL PRODUCTS,—Fat cattle, number sold, 1,827; gross weight, 1,644,300 pounds; value, $46,862. Fat hogs, number sold, 17,328; gross weight, 3,361,632 pounds; value, $146,241. Fat sheep, number sold, 2,351; gross weight, 225,696 pounds; value, $5,642. Wool, pounds, 14,718; value, $4,121.

LIVE STOCK, MAY, 1884—Number horses, 4,321; foals, 1883, 230; number cattle, 7,945; number hogs, 20,877; number sheep, 10,687. Distribution of stock, number to each square mile: Horses, 11; cattle, 20; hogs, 52; sheep, 27.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 600; number farms, 1880, 2,553; average size farms, 100 acres; average value lands per acre, 1884, $10.18; taxation per acre $0.22; value farm products per acre, $3.11; value animal products per acre, $0.82; road and bridge tax, $2,085.

COAL.—Number mines, 4; annual capacity, 127,615 tons; price at mines, $0.97 per ton; number miners, 205; capital employed, $60,600.

WINNEBAGO COUNTY.

Corn, acres, 71,857; yield, 2,227,567 bushels; value, $668,270. Hay acres, meadow, 38,811; yield, 77,623 tons; value, $388,110. Winter wheat, acres, 1,926; yield, 38,520 bushels; value, $29,275. Oats, acres, 55,466; yield, 2,274,106 bushels; value, $568,526. Irish potatoes, acres, 1,550; yield, 108,500 bushels; value, $39,060. Rye, acres, 9,903; yield, 178,254 bushels; value, $101,605. Spring wheat, acres, 2,169; yield, 36,873 bushels; value, $30,236. Broom corn, acres, 8; yield, 4 tons; value, $304. Barley, acres, 1,973; yield, 57,217 bushels; value, $26,892. Sorghum, acres, 27; yield, 2,430 gallons; value, $1,191. Buckwheat, acres, 61; yield, 1,098; value, $626. Timothy seed, bushels, 1,462; value, $1,974. Clover seed, bushels, 1,398; value, $6,011. Beans, acres, 61; yield, 549 bushels; value, $878.

Average yield per acre crops past nine years: Corn, 32 bushels; Wheat, 19 bushels.

Per cent. of area to total acreage in county in 1884: Corn, 223,088: winter wheat, .5979; spring wheat, .6734; oats, 17.2200; rye, 3.0745; pastures, 21.5643; meadows, 12.0493; Irish potatoes, .4812; orchards, .7957; other crops and uncultivated land, 21.2349.

Wheat annually consumed, 122,072 bushels; used for seed annually, 5,460 bushels; deficit, 52,139 bushels.

FRUIT CROP, 1884—Apples, bushels, 6,232; value, $6,232. Vineyards; pounds grapes, 1,411; value, $113.

DAIRY PRODUCTS, 1884—Gallons milk sold, 967,584; value, $164,489. Cream, gallons sold, 77,927; value, $45,193. Butter, pounds sold, 695,585; value, $153,029. Cheese, pounds sold, 45,181; value, $4,970.

ANIMAL PRODUCTS—Fat cattle, number sold, 7,285; gross weight, 7,889,655 pounds; value, $351,090. Fat hogs, number sold, 24,746; gross weight, 6,137,008 pounds; value, $309,713. Fat sheep, number sold, 2,340; gross weight, 217,620 pounds; value, $7,617. Wool, pounds, 74,713; value, $11,954.

LIVE STOCK, MAY, 1884—Number horses, 10,890; foals, 1883, 11,315; number cattle, 31,673; number hogs, 29,814; number sheep, 10,635. Distribution of stock, number to each square mile: Horses, 22; cattle, 63; hogs, 59; sheep, 21.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 58 433; number farms, 1880, 2,503; average size farms, 128 acres; average value lands per acre, 1884, $25.88; taxation per acre, $0.50; value farm products per acre, $9.85; value animal products per acre, $3.22; road and bridge tax, $20,343.

WOODFORD COUNTY.

Corn, acres, 100,398; yield, 3,513,930 bushels; value, $948,761. Hay, acres meadow, 28,183; yield, 49,320 tons; value, $246,600. Winter wheat, acres, 3,778; yield, 52,892 bushels; value, $40,197. Oats, acres, 56,155; yield, 1,796,960 bushels; value, $449,240. Irish potatoes, acres, 960; yield, 57,600 bushels; value, $17,280. Rye, acres, 2,243; yield, 33,645 bushels; value, $17,496. Spring wheat, acres, 254; yield, 4,064 bushels; value, $3,129. Barley, acres, 5; yield, 130 bushels; value, $74. Sorghum, acres, 31; yield, 2,790 gallons; value, $1,674. Tobacco, acres, 4; yield, 2,844 pounds; value, $313. Buckwheat, acres, 7; yield, 64; value, $43. Timothy seed, bushels, 4,937; value, $6,171. Clover seed, bushels, 4,181; value, $16,724. Beans, acres, 3; yield, 39 bushels; value, $39.

Average yield per acre crops past nine years: Corn, 27 bushels; Wheat, 17 bushels.

Per cent. of area to total acreage in county in 1884; Corn, 29.7275; winter wheat, 1.1185; spring wheat, .0752; oats, 16.6159; rye, .6641; pastures, 13.4879; meadows, 8.3490; Irish potatoes, .2842; orchards, .8121; other crops and uncultivated land, 28.8656.

Wheat annually consumed, 86,520 bushels; used for seed annually, 5,376 bushels; deficit, 34,940 bushels.

FRUIT CROP, 1884—Apples, bushels, 28,115; value, $22,492. Vineyards: gallons wine, 700; value, $910; pounds grapes, 4,310; value, $86.

DAIRY PRODUCTS, 1884—Gallons milk sold, 14,851; value, $2,673. Cream gallons sold, 109; value, $51. Butter, pounds sold, 156,939; value, $23,541. Cheese, pounds sold, 13,580; value, $1,765.

ANIMAL PRODUCTS—Fat cattle, number sold, 4,385; gross weight, 4,385,000 pounds; value, $131,550. Fat hogs, number sold, 29,517; gross weight, 8,117,175 pounds; value, $308,453. Fat sheep, number sold, 1,112; gross weight, 111,200 pounds; value, $3,614; Wool, pounds, 22,261; value, $4,452.

LIVE STOCK, MAY, 1884—Number horses, 10,772; foals 1883, 1,020; number cattle, 19,067; number hogs, 35,563; number sheep, 5,057. Distribution of stock, number to each square mile: Horses, 20; cattle, 36; hogs, 67; sheep, 9.

MISCELLANEOUS—Number feet drain tile laid to January 1, 1884, 7,920,482; number farms, 1880, 2,600; average size farms, 129 acres; average value lands per acre, 1884, $28.84; taxation per acre, $0.46; value farm products per acre, $7.00; value animal products per acre, $1.41; road and bridge tax, $25,379.

COAL—Number mines, 2; annual capacity, 129,000 tons; price at mines, $1.50 per ton; number miners, 230; capital employed, $60,000.

PLANTS INJURED BY FROST.

BY T. J. BURRILL, PH. D., PROFESSOR OF BOTANY AND HORTICULTURE,
ILLINOIS INDUSTRIAL UNIVERSITY.

The effect of last winter's frost is now very painfully apparent. Trees and other perennial plants which are usually considered hardy, are, in many cases, dead or badly injured. Apple trees are black at the heart, and pear trees, in numerous cases, are so nearly killed as to make one almost wish that they were almost entirely destroyed, so as to be free from the sickly growths that must follow as a consequence of the injury. Grapes, raspberries and blackberries, even kinds deemed "iron clad," are severely injured. On the grounds of the State University there will this year be no fruit upon the Snyder blackberries and Cuthbert raspberries worth gathering, though last autumn the plantations gave abundant promise of large crops. The Turner and Gregg raspberries, planted by the side of the above, will yield partial crops.

There are many very interesting problems for those who wish to understand the cause of things in this matter of injury to plants by extreme cold. At first sight there seems to be no kind of uniformity of effects. These same kind of plants which are killed on A's grounds, escape almost uninjured on neighbor B's farm. A variety accounted hardy may have suffered much worse than one usually known as tender. A given tree may have lived unscathed through extremely cold winters and then succumbed with much less apparent reason thereof.

But effects are only produced by adequate causes. If a plant dies or suffers from winter exposure there are good and sufficient reasons for the results. Let us examine a little. It is well known that apples in tight barrels in a dark cellar may be frozen as hard as bullets, and yet after gradually thawing be scarcely the worse for it, while if quickly thawed in the open air they are sappy and worthless. Potato tubers, after slight freezing and thawing in air, have a peculiar unpleasant sweetish taste, yet it is not an uncommon practice for busy house wives to prepare, the preceding night, the potatoes for the morrow's breakfast, and leaves them without concern where they will freeze. It is only necessary to be sure to put the stone-like esculents, before thawing is allowed to begin, into boiling hot water. Cooked in this way there is no evidence to the taste of the freezing.

I am aware that these examples appear contradictory. We must thaw gradually in one case and with the violence of boiling water in the other, but both teach this: the manner of thawing has very much to do with the results. Really, the examples quoted, out of numerous ones that will occur to every one, are not so different as they seem. Even potatoes may be frozen and thawed without damage, if well buried meantime in earth nearly impervious to air and water. The sweetness developed in them from thawing rather rapidly in air is due to a chemical change of the same nature that corn undergoes in the manufacture of glucose. The actual change does not take place in the process of freezing, but during and after thawing. The heat of boiling water prevents this chemical action, and the palatable product is

he result. In the process of freezing the water forming an essential part of the structure is xtracted and crystalized, and when thawing occurs in air this water collects in exuded rops, while the tissues shrink, become flaccid and perhaps flexible, in consequence of the oss of this water. When the thawing is sufficiently slow, and the beginning is inside, the vater gradually gets back to its original position in the substance of the tissues, and the nor- nal structure is regained. This is the whole philosophy of the apparently discordant results' \ full elaboration might make the matter clearer, but this is not the place for such discussion.

It will be easy to observe that trees are injured first in the central portions. Cut a branch 'rom an apple tree and notice the dark color of the heart-wood, while the bark and per- aps the outer layers of the sapwood are healthy—apparently quite free from the destructive ffects of the frost. Such trees never do regain their full healthfulness and hardiness, but vill leaf out this spring as though nothing was the matter. Perhaps later in the summer the vil will show itself by the yellowish color of the foliage and the slender growth of the twigs.

Now, a word as to treatment of such injured trees or vines. Undoubtedly, such things is blackberries, raspberries and grapes should be cut down to near the ground. The half- iving, half-dead parts are not, and never will be, of any use worth saving. Even if hey should live to leaf out, nothing of value will be produced from them, and the strength of the stock will only be so much exhausted for no useful purpose. Prune with an unspar- ng hand.

In the case of peach trees, apple trees, pear trees, etc., the best thing to do is also to cut well back, but it is not wise to hasten unduly to destroy the whole tree. Peach trees may so far recover after nine-tenths of the inner parts of the wood has been killed, as to bear subsequent years excellent crops of fruit, though never again as strong and substantial as they would have otherwise been. So, too, it may abundantly pay to carefully prune and in various ways pet an apple or pear tree whose heart-wood is blackened by frost. Certainly considerable pruning this spring will be beneficial. If the bark is burst from the trunk, as not unfrequently happens, nail this fast, using enough small nails to keep the whole surface areas as close together as possible. In numerous cases the parts so treated will ultimately adhere and the wound heal. The south-west side is liable to most injury of this kind. A shade of some kind is useful as a protector.

MONTHLY WEATHER REVIEW

—FOR—

JANUARY, 1885,

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

ILLINOIS DEPARTMENT OF AGRICULTURE.

CHARLES F. MILLS, SECRETARY.

SPRINGFIELD, ILL.
JOURNAL CO., STATE PRINTERS AND BINDERS.
1885.

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WEATHER REVIEW

Illinois Department of Agriculture,

MONTH OF JANUARY, 1885.

The summary of meteorological observations contained in this review, has been compiled from the weather reports received from the Signal service and voluntary observers residing in this State and reporting to the Illinois Department of Agriculture.

The precipitation (rain and melted snow) for January at all the stations except two, exceeded the average of the corresponding month in previous years.

The January mean temperature was lower at all the stations reporting than in the previous years included in the report.

The drifting snow and extreme cold weather in January seriously interferred at times with the movement of the railroad trains.

The greatest depth of snow-fall during the month at any of the stations from which reports have been received, was 20 inches at Pana in Christian county, and the least fall of snow was 4.50 inches at Golconda in Pope county.

The total snow-fall at stations in the Central Division of the State for January averaged 16.29 inches, and exceeded by 3.57 inches the monthly snow-fall in the Northern Division of the State. The depth of the snow-fall during the month, in the Southern Division of the State, was 11.85 inches, or 0.87 of an inch less than in the Northern Division of the State.

TEMPERATURE.

The lowest mean temperature for the month of January at any of the stations reporting, was 8.80 at Marengo, McHenry county, the highest 29.80 at Cairo, Alexander county.

The monthly mean temperature in the three divisions of the State during January was as follows, Northern Division 12.84; Central Division 19,34; Southern Division 23.68. The mean temperature for the State for January was 18.62.

The lowest temperature reported during the month was -32.00 at Wilton Centre, Will county. The temperature was at times during the month twenty or more degrees below zero at the following stations: -32.00 at Wilton Centre, -30.00 at Prairieville, Lee county, -26.40 at Marengo, McHenry county, -26.00 at Aurora Kane county and Sycamore DeKalb county, -22.00 at Peoria, -21.00 at Griggsville, Pike county, -20.00 at Mattoon, Coles county and Palestine, Crawford county.

COMPARISON.

At Marengo, McHenry county, in the Northern Division the mean temperature, was 9.10 below the January average during the past 24 years. At Springfield, Sangamon county in the Central Division the mean temperature was 6.16 below the January average during the past six years.

At Anna, Union county, in the Southern Division the mean temperature was 7.24 below the January average during the past tenyears.

PRECIPITATION.

The rain-fall, including melted snow, during the month of January was much above the average in the Southern Division of the State at the points named where the precipitation was as follows: Golconda, Pope county 4.82 inches; Anna, Union county, 4 64 inches and McLeansboro, Hamilton county 4.20 inches. The average rain-fall in the three divisions of the State in January was as follows: Northern Division 2.70 inches, Central Division 2.62 inches. Southern Division 3.10 inches—the average monthly precipitation for all the stations in the State was 2.81 inches. The rain or snow-fall was quite general over the State on the 4th, 5th, 11th, 14th, 15th, 16th, 23d and 27th.

The daily precipitation, (rain or melted snow) in January exceeded one inch at the following stations, on the dates named. 4th McLeansboro, Hamilton county, one inch. 5th Prairieville, Lee county, 1.12 inches. Pana, Christian county, 1.06. Golconda, Pope county 1.70. Cairo, Alexander county, 1.45 inches. 6th Marengo, McHenry county, 1.02 inches. Anna, Union county, 1.73 inches. 16th Griggsville, Pike county, 1.15. Swanwick, Perry county, 1.17. Golconda, Pope county, 1.44 inches.

There was no precipitation at any of the stations reporting on the 2d, 3d, 7th, 8th, 9th, 10th, 13th, 19th, 20th, 21st and 29th.

COMPARISON.

At Chicago the precipitation was 1.33 inches more than the January average during the past fourteen years. At Springfield, in the Central Division the precipitation was 0.76 of an inch more than the January average during the past six years. At Cairo in the Southern Division the percipitation was 0.24 of an inch more than the January average during the past fourteen years.

ANNUAL PRECIPITATION.

An acre of ground contains 6,272,640 square inches. One inch of rain-fall on an acre of land will make 6,272,640 cubic inches of water or 3,630 cubic feet. At the common temperature of from 70° to 75° Fahrenheit, a cubic foot of fresh water weighs very approximately 62¼ pounds avordupois. The weight of one inch rain-fall over an acre of land will be 225,967½ pounds, in round numbers 113 tons of 2,000 pounds each. An annual rain-fall of 42 inches, on one acre of land weighs 4,746 tons, equal to 395 car loads of 12 tons each.

TABLES.

The meteorological tables and remarks of weather observers published elsewhere in this report present many interesting details concerning the temperature rain-fall etc., during the month of January 1885, at the several stations reporting.

NEW OBSERVERS.

The science of meteorology is deservedly receiving more attention each succeeding year, and the results of the crops are so dependent upon the conditions of the weather that all information relating thereto is worthy of preservation. Meteorological data is more carefully studied of late years by the intelligent farmer and others interested in the Agricultnral productions of the State.

The department desires to secure the assistance of an observer for each county in the State, and there is doubtless some person interested in meteorology in each county not represented in this weather review that would be willing to contribute his service in reporting each month to this department the temperature and rain-fall.

CHARLES F. MILLS,

Secretary.

STATE SUMMARY FOR JANUARY, 1885.

Highest barometer, 30.912 inches, at Wilton Centre.

Lowest barometer, 28.970 inches, at Prairieville.

Mean barometer, 30.166 inches.

Range of barometer, 19.42 inches.

Mean relative humidity, 75.16 per cent.

Highest temperature, 64°.00 at Mascoutah.

Lowest temperature, —32°.00 at Wilton Centre.

Mean temperature, 18°.62.

Greatest daily range of temperature, 42°.00 at Centralia.

Least daily range of temperature, 2°.00 at Centralia.

Mean daily range of temperature, 15°.25.

Average number of clear days, 12.

Average number of fair days, 8.

Average number of cloudy days, 11.

Average number of days on which rain fell, 9.

Greatest number of days in which rain fell, 12, at Golconda.

Least number of days on which rain fell, 7, at Sycamore.

Mean rainfall, 2.81 inches.

Average daily rainfall, .090 inches.

Greatest rainfall, 4.82 inches at Golconda.

Least rainfall, 1.07 inches at Centralia.

Average depth snowfall 13.92 inches.

Prevailing direction of wind, N. W.

Table of Comparison for January 1881, 1882, 1883, 1884 and 1885.

	1881.	1882.	1883.	1884.	1885.
Mean barometer	29 877 inches	30.074 inches	30.031 inches	30.133 inches	30.166 inches.
Highest "	30.780 "	30.780 "	30.799 "	30.850 "	30.912 "
Lowest "	28.560 "	28.930 "	29.800 "	29.070 "	28.970 "
Range of "	2.220 "	1.052 "	.999 "	1.780 "	1.942 "
Mean relative humidity	71.80 per cent	78.2 per cent	77.2 per cent	74.53 per cent	75.16 per cent.
Mean temperature	15°.94	28°.97	17°.60	18°.42	18°.31.
Highest "	52°.00	68°.00	56°.00	68°.00	64°.00.
Lowest "	-32°.00	-12°.00	-34°.00,	-33°.00	-32°.00.
Range of "	84°.00	80°.00	90°.00	101°.00	96°.00.
Mean daily range of temperature	14°.10	13°.06	11°.68	15°.33	15°.25.
Greatest " "	40°.00	29°.40	29°.00	47°.00	42°.00.
Least " "	3°.00	2°.00	2°.00	1°.00	2°.00.
Average number of clear days	9.	6.		7.	12.
Average number of fair days	8.	13.		14.	8.
Average number of cloudy days	14.	12.		10.	11.
Number of days on which rain fell.	8.	11.	11.	8.	9.
Mean rainfall	1.25 inches	2.57 inches	1.83 inches	1.77 inches	2.81 inches.
Average daily rainfall	.040 "	.829 "	.590 "	.571 "	.090 "
Greatest rainfall	2.80 " at Golc'da.	7.55 " at Gra'vile.	3.33 " at Gol'nda.	2.32 " at Cairo.	4.82 " at Golcon'a
Least rainfall	.39. " at U.Alton	.74 " at Elmira	.91 " at Mattoon	.23 " at Pet'r'bg.	1.07 " at Centr'la.
Average depth snow-fall					13.92 inches.
Prevailing direction of wind	N. W.			N. W. & S. W	N. W.

Comparison of the Precipitation and Mean Temperature for January, 1885, with the Corresponding Month of Former Years.

STATION.	PRECIPITATION.				MEAN TEMPERATURE.			
	Average Precipitation for January.	Number of Years...	Precipitation for January, 1885. ...	* Difference.	Average Temperature for January.	Number of Years..	Mean Temperature for January, 1885.	* Difference.. .....
NORTHERN DIVISION.								
Marengo.....McHenry Co....	1.80	24	2.32	†.52	17.90	24	8.80	—9.10
Sycamore.... DeKalb Co	1.69	4	2.66	†.97	16.20	3	10.20	—6.00
Chicago .....Cook Co	1.85	14	3.18	†1.33	24.24	14	18.30	—5.94
Aurora .....Kane Co.....	2.03	3	2.31	†.28	12.13	3	11.92	—.21
Prairieville...Lee Co.....	1.71	5	2.18	†.47	14.40	4	12 00	—2.40
Wilton Centre.Will Co...	3.62	1	3.62	.....	11.90	1	11.90	.....
Peoria .....Peoria Co.....	1.48	4	2.63	†1.15	18.47	4	16.80	—2.67
CENTRAL DIVISION.								
Springfield....Sangamon Co ..	2 05	6	2.81	†.76	26.56	6	20.40	—6 16
Griggsville ...Pike Co.....	1.57	3	2.61	†7.04	17.63	4	16.40	—1.23
Mattoon.....Coles Co.....	1.57	4	2.46	†.89	23.05	4	22.00	—1.05
Pana .....Christian Co...	1.92	2	2.60	†.68	21.77	2	18.54	—3.23
SOUTHERN DIVISION.								
Palestine..... Crawford Co....	2.42	3	3.25	†.83	23.11	3	22.05	—1.06
Greenville ....Bond Co.....	1.69	4	2.80	†1.11	24.33	4	21.47	—2.86
Collinsville....Madison Co.....	3.06	1	3.06	.....	21.10	1	21.10	.....
Mascoutah... St. Clair Co	1.89	4	1.10	— 79	... .	.....	.....	.....
Centralia.....Marion Co.....	2.22	4	1.07	—1.15	24.67	3	20.00	—4.67
Swanwick.....Perry Co... ...	1.72	3	2.61	†.89	22.88	3	22.18	—.70
McLeansboro..Hamilton Co ...	2.88	3	4.20	†1.32	24.94	3	23.30	—1.63
Anna.....Union Co.....	3.68	10	4.64	†.96	33.15	10	25.91	—7.24
Goleonda.....Pope Co.....	3.82	5	4.82	†1.00	28.73	5	27.29	—1.44
Cairo .....Alexander Co..	3.16	14	3.49	†.24	34.38	14	29.80	—4.58

* In the columns marked difference, the † sign denotes an excess, and the — sign a deficiency for January, 1885. The precipitation is expressed in inches, the temperature in degrees, Fahrenheit.

Summary for January, 1885.

STATION.	Mean Barometer.....	Highest Barometer....	Date	Lowest Barometer....	Date	Range of Barometer...	Mean Relative Humidity.....	Mean Temperature	Highest Temperature..	Date	Lowest Temperature ..	Date .....
NORTHERN DIVISION.												
Station. *County.*												
Marengo....McHenry..	.....	.....	....	.....	.....	.....	.....	8.80	40.00	8th	-26.40	22d
Sycamore...DeKalb. .	....	....	...	.....	.....	.....	.....	10.20	41.40	8th	-26.00	22d
Chicago. ...Cook	30.132	30.710	2d	29.234	.....	1.476	74.10	18.30	50.40	9th	-12.90	19th
Aurora.....Kane	30.060	30.590	2d	29.120	6th	1 470	. .	11.92	46.00	8th	-26.00	22d
Prairieville..Lee	29.820	30.300	. ..	28.970	.....	1.330	75.00	12.00	43.00	.....	30 00	.....
Wilton CentreWill.....	30.250	30.912	....	29.399	.....	1.513	.....	11.90	48.00	8th	-32.00	22d
Peoria..... Peoria....	29.738	30.291	2d	28.978	6th	1.313	77 00	16.80	48.00	8th	-22.00	28th
Average	30.000	.....	....	.....	.....	1.420	75.37	12.84	.....	.....	.....	22d
CENTRAL DIVISION.												
Springfield..Sangamon	30.220	30.752	2d	29 392	6th	1.360	74.20	20.40	50.90	8th	-13.70	22d
Griggsville..Pike.....	30.310	30.850	2d	29.550	6th	1.300	.....	16.40	51.00	8th	-21.00	28th
Mattoon. ....Coles.....	.....	.....	....	.....	.....	... ..	.....	22.00	45.00	.....	20.00	.....
Pana.... ... Christian..	... ..	.....	...	.....	.....	.....	.....	.....	54.00	.....	-18.00	.....
Average	30.265	.....	....	.....	.....	1.330	74.20	19 60	.....	.....	.....	.....
SOUTHERN DIVISION.												
Palestine ...Crawford..	.....	.....	...	.....	.....	.....	.....	22.05	53.50	8th	-20 00	22d
Greenville ..Bond.....	.....	.....	...	.....	.....	.....	.....	21.47	59 00	11th	-19.00	28th
Collinsville..Madison ..	.....	.....	....	.....	.....	.....	.....	21.10	62.00	9th	-13.00	22d
Mascoutah..St Clair ..	.....	.....	....	.....	.....	.....	.....	.....	64.00	.....	-16.00	.....
Centralia....Marion....	.....	.....	....	.....	.....	.....	.....	20.00	56.00	8th	-16.00	22d
Swanwick...Perry.....	.....	.....	....	.....	.....	.....	.....	22.18	60.00	8th	-14.00	28th
MeL'nsboro.Hamilton..	...	.....	....	.....	.....	.....	.....	23.30	60.00	.....	-15 00	.....
Anna.....Union.....	30.230	30.750	....	29.450	.....	1.300	.....	25.91	62.00	.....	-12.00	.....
Goleonda .. Pope	.... .	.....	....	.....	..	.....	.....	27.29	61.00	.....	-10.00	.....
Cairo.....Alexander	30.238	30.750	2d	29.437	11th	1.313	75.90	29.80	61.00	8th	-4.00	22d
Average.	30 234	.....	....	.....	.....	1.306	75.90	23.68	.....	.....	.....	.....
State Average.....	30.166	.....	...	.....	.....	1.350	75.16	18.62	.....	.....	.....	.....

Summary for January, 1885.

STATIONS.	Range of Temperature	Mean Daily Range of Temperature	Greatest Daily Range of Temperature—Date	Least Daily Range of Temperature—Date	Number of Clear Days	Number of Fair Days	Number of Cloudy D'ys	Days on Which Rain Fell	Total Rainfall for Month	Average Daily Rainfall	Direction of Wind	Snowfall in inches during Month
NORTHERN DIVISION.												
Station. County.												
Marengo....McHenry	66.40	11.62	26.40	22d	3.10	15th	12	10	9	9	2.32	.075	SW	14.75
Sycamore...DeKalb	67.40	13.63	27.40	22d	4.00	6th	12	6	13	7	2 66	.086	NW	15.00
Chicago....Cook	63.30	16.92	29.90	29th	7.50	24th	10	13	8	11	3.18	.102	SW	20.15
Aurora....Kane	72.00	15.29	31.00	31st	4.00	5-24th	16	14	1	10	2.31	.074	NW	9.30
Prairieville..Lee	73.00	.....	.....	.....	.....	.....	..	..	..	7	2.18	.070	W	8.25
Wilton Cent.Will	80.00	16.97	35.00	22d	3.00	15th	13	7	11	7	3.62	.117	SW	17.00
Peoria.....Peoria	70.00	..	.....	.....	.....	.....		..	..	7	2.63	.085	W	16.00
Average	70.30	14.89	.....	.....	.....	.....	13	10	8	8	2.70	.087	.....	14.35
CENTRAL DIVISION.														
Springfield..Sangamon	64.60	16.50	34.70	29th	9.10	18th	13	10	8	11	2.81	.090	NW	15.06
Griggsville..Pike	72.00	14.03	31.00	29th	3.00	5-27th	12	6	13	9	2.61	.084	NW	17.65
Mattoon....Coles	65.00	.....	.....	.....	.....	.....	..	..	..	10	2.46	.079	N	11.90
Pana.....Christian	72.00	.....	.....	.....	.....	.....	17	3	11	8	2.60	.084	NW	20.00
Average	18.40	15.27	.....	.....	.....	.....	14	6	14	9	2.62	.084	.....	16.29
SOUTHERN DIVISION.														
Palestine....Crawford	73.50	11.77	32.00	29th	2.60	30th	10	10	11	8	3.21	.105	S	13.50
Greenville...Bond	78.00	16.68	37.00	29th	4 00	6-19th	..	..	..	9	2.80	.090	W	19.50
Collinsville..Madison	75.00	.....	.....	.....	.....	.....	.	..	..	10	3.06	.099	.....	.....
Mascoutah..St. Clair	74.00	.....	.....	.....	.....	.....	..	..	..	9	1 10	.035	.....	11.90
Centralia....Marion	72.00	17.45	42.00	29th	2.00	5th	10	8	13	7	1 07	.034	SE	8,50
Swanwiek...Perry	74 00	.....	.....	.....	.....	.....	..	..	..	9	2.61	.084	.....	11.00
M'Leansboro.Hamilton	75 00	15.48	35.00	.....	4.00	.....	12	7	12	9	4.20	.135	NW	14.50
Anna.....Union	74.00	.....	.....	.....	.....	.....	..	..	.	9	4.64	150	NW	11.60
Goconda...Pope	71.00	14.61	35.00	27th	3.00	25th	7	13	11	12	4.82	.155	NW	4.50
Cairo.....Alexander	65.00	15.80	33.00	.....	4.50	.....	12	11	8	11	3.49	.112	W	5.18
Average	73.75	15.30	.....	.....	.....	.....	10	10	11	9	3.10	.100	.....	11.13
State Average	70 62	15.25	.....	.....	.....	.....	12	8	11	9	2 81	.090	.....	13.92

Summary of Meteorological Observations for the Month of January, 1885, made to the Department of Agriculture, February 1, 1885. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.

STATIONS.	Elevation above sea level	BAROMETER. Highest barometer during month	BAROMETER. Lowest	BAROMETER. Mean	THERMOMETER. Highest temperature	THERMOMETER. Lowest	THERMOMETER. Mean	HUMIDITY. Mean	*WIND. Prevailing	*WIND. Maximum velocity or force	RAIN. Total rainfall or melted snow	RAIN. No. of days on which 0.01 or more rain or melted snow fell	RAIN. No. of days on which cloudiness averaged 8 or more on a scale of ten	Depth of snow, in inches, on ground at close of month	Total snowfall, in inches, during the month
	Feet.	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inches	No.	No.	Inches	Inches
NORTHERN DIVISION.															
County. *Post Office.*															
McHenry.....Marengo.....	925				40.00	-26.40	8.80		S. W. & N.W	4	2.32	9	9	12.	14.75
De Kalb.....Sycamore.....	800				41.40	-26.00	10.20		N.W.	3	2.66	7	13	8.	15.00
Cook .....Chicago.....	661	30.710	29.234	30.132	50.40	-12.90	18.30	74.10	S. W.	4	3.18	11	.....	14.8	20 15
Kane.....Aurora.....	676	30.590	29.120	30.060	46.00	-26.00	11.92		N.W.	5	2.31	10	7	8	9.30
Lee.....Prairieville.....	725	30.300	28.970	29.820	43.00	-30.00	12.00	75.00	W.	4	2.18	7	10	10.	8.25
Will.....Wilton Centre..	600	30.912	29.399	30.250	48.00	-32.00	11.90		S. W.	3	3 62	7	12	13.	17.00
Peoria.....Peoria.....	475	30.291	28.978	29.738	48.00	-22.00	16.80	77.00	W.	4	2.63	7	12	12.	12.00
Average.....	.....	30.561	29.140	30.000	45.26	-25.04	12.84			4	2.70	8	10	11.11	14.35
CENTRAL DIVISION.															
Sangamon.....Springfield.....	644	30.752	29,392	30.220	50.90	-13.70	20.40	74.20	N. W.	4	2.81	11	.....	13.	15.60
Pike.....Griggsville.....	625	30.850	29.550	30 310	51.00	-21.00	16.40		N.W.	4	2.61	9	13	8.	17.65
Coles.....Mattoon.....	724	.....	.....	.....	45.00	-20.00	22.00		N.	.....	2.46	10	.....	4.	11.90
Christian.....Pana.....	760	.....	.....	.....	54.00	-18.00	18.54		N.W.	3	2 60	8	11	14.	20.00
Average.....	.....	30.801	29.471	30.265	50.22	-18 17	19.34			4	2.62	9	12	10.	16.29

SOUTHERN DIVISION.															
Crawford	Palestine	.....	.....	.....	.....	53.50	-20.00	22.05	.....	S.	3	3 25	8	11	5.00	14.50
Bond	Greenville	.....	.....	.....	.....	59.00	-19.00	21.47	.....	W.	.....	2.80	9	16	11.00	19.50
Madison	Collinsville	.....	.....	.....	.....	62.00	-13.00	21.10	.....	.....	.....	3.66	10	11	2.50	.....
St. Clair	Mascoutah	.....	.....	.....	.....	64 00	-16 00	.....	.....	.....	.....	1.10	9	7	11.90	11.60
Marion	Centralia	492	.....	.....	.....	56 00	-16.00	20.00	.....	S. E. & N. W.	3	1.07	7	18	2.00	8 50
Perry	Swanwick	.....	.....	.....	.....	60.00	-14 00	22.18	.....	.....	....	2.61	9	7	2 00	11.00
Hamilton	McLeansboro	.....	.....	.....	.....	60.00	-15.00	23.30	.....	N.W.	4	4.20	9	13	4.00	14.20
Union	Anna	630	30.750	29.450	30.230	62.00	-12.00	25 91	.....	N.W.	5	4.64	9	9	3.00	11.60
Pope	Golconda	...	..	.	....	61.00	-10.00	27.29	.....	N.W	4	4.82	12	12	.....	4.50
Alexander	Cairo	377	30.750	29 437	30.238	61.01	-4 00	29 80	75.90	W	5	3.49	11	.....	.....	5.18
Average	.....	.....	30.750	29.443	30.234	59.85	-13 90	23.68	.....	.....	4	3.10	9	11	5.17	11.13
State Average	.....	.....	30.704	29.351	30 166	51.78	-19 04	18.62	.....	.....	4	2.81	9	11	8.76	13 92

*WIND.—Maximum velocity or force is estimated as follows: 1. Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze, varies between 3 and 5 miles per hour. 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind, varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10. Most violent hurricane, varies from 100 upwards.

Distribution and Amount of Precipitation for January, 1885, Reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry... ..... Marengo...	....	..	..	....	....	1.02	..	..	..	..	07	....	.	....	.20	....	.41	...	..	..	..	....	.60	....	....	..	.2	....	..	....	....	2.32
DeKalb. ....Syeamore.....	....	..	..	....	.50	.70	..	..	..	..	.06	....	..	.20	.10	.60	....	....	.	..	..	....	.50	.	....	..	..	....	..	....	....	2.66
Cook.... .....Chicago..	....	..	..	....	.38	.89	..	..	..	..	.27	.06	..	33	.16	.56	.04	. ..	..	..	..	....	.39	.01	....	....	.09	....	..	....	....	3.18
Kane..... Aurora.....	. ..	..	..	....	.28	.88	..	..	..	..	.24	.07	..	.32	.11	16	.04	....	..	.	.	....	.18	....	. .	.03	....	....	..	..	....	2.31
Lee... ....Prarieville.....	....	..	..	....	1.12	.02	..	..	..	..	.04	..	..	.10	...	.10	...	....	..	..	..	.40	.40	....	....	....	....	....	..	....	....	2.18
Will..... . Wilton Centre....	....	..	..	....		.92	..	..	..	..	....	.58	..	....	.78	.. .	.32	....	..	.	..	....	. .	.55	....	..	.47	....	.	....	....	3 62
Peoria.... .....Peoria.....	..	..	..	...	1.06	....	..	..	..	.	.42	..	..	.65	..	....	....	....	..	.	..	....	.30	....	....	.20	...	....	..	....	....	2.63
Average	....	..	..	...	.67	.74	..	..	.	..	.16	.24		.32	.27	.35	.20	.	..	..	..	.40	.39	.28	...	.11	.19	....	..	...	....	.....
CENTRAL DIVISION.																																
Sangamon... .....Springfield.....	.01	..	..	....	.61	.26	..	..	..	..	.11	.01	..	.21	.86	.27	.01	..	..	..	..	....	.31	....	....	....	.12	..	..	....	....	2.81
Pike..... .....Griggsville.	...	..	..	.....	....	.93	..	..	..	..	.18	....	..	....	....	1.15	....	....	..	..	..	....	.29	....		....	.05	.01	..	....	....	2.61
Coles ... .Mattoon....	. ..	..	..	....	.25	.06	..	..	.	..	.22	....	..	.46	.70	.30	..	..	..	..	..	....	.25	....	.02	....	.20	....	..	....	....	2.46
Christian ....Pana	....	..	..	...	.5	..	..	..	..	..	.25	....	..	.25	.64	.48	. ..	.	..	..	..	..	.39	....	...	..	.16	...	..	....	....	2.60
Average	.01	..	..	...	.45	.42	..	..	..	..	.19	.01	..	.31	.73	.55	.01	....	..	..	..	.. .	.32	...	.02	....	.13	.01	..	...	...	.....
SOUTHERN DIVISON.																																
Crawford..... ..... Palestine.... ...	...	..	..	....	....	.68	..	..	..	..	.42	...		.40	.80	.60	....	....	..	..	..	..	.30	....		....	.05	.	..	....	....	3.25
Bond ... .Greenville.....	....	..	.	...	....	..	..	..	..	..	....	.	..	....	...	....	...	.	..	.	..	. .	...	...	..	....	.	....	..	...	...	2.80
Madison.. ... .Collinsville.....	...	.	..	. ..	.52	.12	..	..	..	..	.29	..	..	.64	.37	.40	....	.03		..	..	....	.62	.05	...	..	.02	....	..	....	..	3.06
Marion... ..... Centralia.....	...	..	..	...	.27	.05	..	..	.	..		....	..	.	.75	..	....	....	..	..	..	..	....	..	..	..	....	....	..	...	...	1.02
St. Clair .. .. Mascoutah.....	....	..	..	...		5	..		..	..	.30	....	..	....	.30	....	....	...	..	..	..	..	..		..	...		....	..		....	1.10
Perry ....Swanwick	..	.	..	..	....	.62	..	..	..	..	.11	. ..	.	....	....	1.17	....	....	..	.	..	....	.50	....	....	..	.08		..	.13	...	2.61
Hamilton.....McLeansboro. ...	....	..	..	1 00	....	.11	..	..	..	..	.26	..	..	...	.67	.98	.27	....			..	....	.46	..	..	....	.18	..	..	.27	....	4.20
Union.....Anna.....	....	..	..	....		1.73	..	..	..	..	.46	....	..	...	.78	.40	..	....	..	..	..	....	.41		..	....	.32	....	..	.54	....	4.64
Pope..... ....Goleonda...	....	..	..	...	1.70	.10	..	..	..	..	.36	....	..	....	....	1.44	.30	....	..	..	..	....	.49	...	.02	....	.08	....	..	.21	.12	4.82
Alexander.....Cairo.....	..	..	..	....	1.45	.04	..	..	..	..	.21	...	..	.21	.93	.28	..	....	..	..	..	....	.28	.01	....	....	.02	...	..	.05	.01	3.49
Average	..	..	..	1.00	.98	.44	..	..	..	..	30	..	.	.42	.66	.75	.28	.03	..	..	..	....	.44	.03	.02	...	.11	....	..	.24	.06	.....
State Average.....	.01	..		1 00	.70	.53	..	..	..	..	.22	.12	..	.35	.55	.55	.16	.03	..	..	..	40	.38	.15	02	.11	.14	.01	.	.24	.06	.....

REMARKS FOR JANUARY.

McHENRY COUNTY—JOHN W. JAMES, Observer, Marengo. Highest temperature during the month, 40° on the 8th; lowest, -26°.40 on the 22d; mean, 8°.80. The mean temperature of January, 1885, has been 9°.10 below the mean of 22 January's past; only January, 1875 and 1883 were colder. The range from highest to lowest has only been exceeded three times before in January, viz: January, 1864, 1874 and 1884. Mean temperature of January 3d to 11th, 28°.20; of 12th to 29th, -1°, a range of 29°.20. But for the comparatively high temperature of the 3d to 11th, it would have been the coldest January I have ever recorded. Rain or snow fell on 9 days, the precipitation being 2.32 inches. 14¾ inches of snow fell during the month, of which 12 inches remained on the ground at the close. The prevailing wind of the month was southwest, the maximum force being 4. Solar halo on the 10th. Lunar halo on the 26th. Polar bands were seen January 8, 18, 19 and 22.

DeKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature, 41°.40 on the 8th; lowest, -26° on the 22d; mean, 10°.20. Highest daily mean, 33°.05 on the 8th; lowest daily mean, -14° on the 28th. This was the coldest of 4 Januarys, and was 6°. below the average of the 3 preceding, and 1°.50 below the average of the 2 preceding. Rain or snow fell on 7 days, the precipitation being 2.66 inches. The snow fall of the month was 15 inches. Prevailing wind northwest; maximum force, 3. The wind was north 2 times, north-east 4, east 4, south-east 11, south 12, southwest 15, west 15, northwest 29 and calm 1 time. There were 12 clear, 6 fair and 13 cloudy days. Solar halos on the 17th and 18th and lunar halos on the 26th and 27th.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.590; lowest, 29.120; mean, 30.060. Highest temperature, 46°; lowest, -26°; mean, 11°.92. Rain or snow fell on 10 days, the precipitation amounting to 2.31 inches. 8 inches of snow remained on the ground at close of month, 9.3 inches fell in January. Frosts January 5, 7, 8, 9, 10, 20, 21, and 29. Solar halo on the 17th. Lunar halo on the 26th. The maximum force of the wind was 5. The winds of January were north 11 times, northeast 4, east 3, southeast 11, south 15, southwest 10, west 19, and northwest 20 times. Fog and slight mist most of the morning of the 6th, and heavy fog early on the morning of the 31st, clearing off about 7 o'clock.

COOK COUNTY—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer, 30.710; lowest, 29.234; mean, 30.132. Highest thermometer, 50°.40; lowest, -12°.90; mean, 18°.30. Highest daily mean, 42°.40; lowest daily mean, -50. Prevailing wind southwest; maximum velocity, 22. 14.8 inches of snow remained on ground at end of month. Rain or snow fell on 11 days, the precipitation being 3.18 inches. Relative humidity of the month, 74.10 per cent. Frost January 3, 5, 7, 8, 9 and 10. Lunar halo on the 29th.

WILL COUNTY—H. N. RENFREW, Observer, Wilton Center. Highest barometer, 30.912; lowest, 29.399; mean, 30.250. Highest temperature, 48°; lowest, -32°; mean, 11°.90. Prevailing wind southwest to northwest. Greatest velocity of the wind during January, 3. Seventeen inches of snow fell during the month, of which 13 inches remained on the ground February 1. Rain or snow fell on 7 days, and the precipitation was 3.62 inches. Heavy white frost on the 31st. Solar halo on the 17th; lunar halo on the 26th. Winds followed by rain, northeast, southeast and south.

LEE COUNTY—MATTHIAS SCHICK, Observer, Prairieville. Highest thermometer, 43°; lowest, -30°; mean 12°. Highest barometer, 30.300; lowest, 28.970; mean, 29.820. The total rainfall of the month was 2 18 inches, rain or snow falling on 7 days. Ten inches of snow remained on the ground at the close of the month; 8.25 inches fell during the month. White frost on the 9th and 10th. Solar halos on January 1, 3, 4, 12, 13, and 19. Lunar halo on the 1st.

PEORIA COUNTY—FRED BRENDEL, Observer, Peoria. Highest barometer 30.291; lowest, 28.978; mean. 29.738. Highest temperature, 48°; lowest, -22°; mean, 16°.80. Mean humidity, 77. Prevailing wind west; maximum velocity 4. Rain or snow fell on 7 days, the precipitation being 2.63 inches. 16 inches of snow fell during the month, of which 12 inches remained on the ground at the close of the month. Frost every day except the 11th.

SANGAMON COUNTY—W. NORRINGTON, Sergeant Signal Corps, U. S. A., Springfield. Highest barometer, 30.752 on the 2d; lowest, 29.392 on the 6th; mean, 30 220. Highest thermometer, 50°90 on the 8th; lowest, -13°.70 on the 22d; the mean temperature, 20°.40 is the lowest mean temperature for six years past. There were 13 clear, 10 fair and 8 cloudy days in January. The prevailing direction of the wind was northwest; total movement, 6337 miles; greatest force, 4. Relative humidity of the month, 74.20. Rain or snow fell on 11 days. The precipitation, 2.81 inches is the greatest January precipitation for a term of 6 years. 15.6 inches of snow fell, of which 13 inches remained on the ground February 1. Lunar halos on the 9th, 22d and 26th. Frosts January 2, 7, 8, 10, 14, 19, 20 and 26.

PIKE COUNTY—A. MONROE, Observer, Griggsville. Highest barometer, 30.840; lowest, 29.550; mean, 30,310. Highest tempera-

ture, 51°; lowest, -21°; mean, 16°.40. Prevailing with, north-west. Maximum velocity, 4. Total rainfall or melted snow, 2.61 inches. Rain or snow fell on 9 days. The total snowfall of the month was 17.65 inches, 8 inches of which remained on the ground at the close of the month. Of 93 observations of the wind, it was north 6 times, northeast 6, east 2, south-east 15, south 6, southwest 23, west 6 and northwest 29 times.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature during the month, 45°; lowest, -20. The prevailing wind was north. The total precipitation of the month was 2.46 inches. Rain or snow fell on 10 days. 11.90 inches of snow fell, only 4 inches of which remained on the ground at the end of the month. Lunar halo on the 31st, with perpendicular rays.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest temperature, 54°; lowest, -18. Prevailing wind, northwest; maximum force, 3. Rain or snow fell on 8 days, the precipitation being 2.60 inches. Twenty inches of snow fell during the month, of which 14 inches remained on the ground February 1. Winds followed by rain, south and northwest; by clear or fair weather, north and west.

CRAWFORD COUNTY—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 53°.50; lowest, -20°; mean, 22°.05. Prevailing wind of the month, south; maximum force, 3. Total rainfall, 3.25 inches, rain or snow falling on eight days. 13.50 inches of snow fell during the month, of which only 5 inches remained on the ground at the end of the month. Thunder-storm on the 11th. The rain of the 15th began to freeze about 2 P.M. and the next morning there was a heavy sleet. Wild geese were seen flying south on the 14th.

BOND COUNTY—JOHN B. WHITE, Observer, Greenville. Highest thermometer, 59° on the 11th; lowest—19° on the 28th; mean, 21°.47. Rain or snow fell on 9 days, the precipitation being 2.80 inches. 19.50 inches of snow fell in January, 11 inches remained on the ground at the close of the month. Three claps of thunder were heard on the evening of the 11th. The prevailing winds of the month were west and northwest.

MADISON COUNTY—J. L. R. WADSWORTH, Collinsville. Highest temperature, 62°. lowest-13°; mean, 21°.10. Rain or snow fell on 10 days, the precipitation being 3.06 inches. Two and a half inches of snow remained on the ground at the close of the month. This has been the coldest January yet recorded, the mean temperature, 21°.10, being 10°.50 below the January mean. The rain fall for the month, 3.06, is 0.89 inches above the January mean.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest temperature, 56°; lowest-16°; mean, 20°. Prevailing winds, southeast and northwest. Greatest force of the wind during the month, 3. Rain or snow fell on 7 days, the precipitation being 1.07 inches. 8.50 inches of snow fell, of which 2 inches remained on the ground at the end of the month. Frost every day in January except the 5th, 6th and 30th. This has been the coldest January with us for many years. The month has been cold, damp and chilly, with little sunshine. Stock, as well as people, has suffered from the sudden and extreme changes. I find more 0° and -0° marks on my report for this month than has occured for the last 10 years in any month.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest temperature during the month, 64°; lowest, -10°. Rain or snow fell on 9 days, and the total precipitation was 1.10 inches. The total snow fall of the month was 11.90 inches, 7 inches of which remained on the ground at the end of the month. There was one thunder-storm during the month, on the 11th. Hail fell on the 2d.

PERRY COUNTY—J. C. ELLIOTT, Observer, Swanwick. The highest thermometer during the month was 60°; the lowest, -14°; mean, 22.°18. The total precipitation of the month was 2.61 inches, rain or snow falling on 9 days. Snow fell to the depth of 11 inches. 2 inches remaining on the ground at the close of the month. There was a thunder-storm, with hail, on the 11th. Frost on the 3d, 4th, 8th and 10th. Lunar halo on the 2d and solar halo on the 10th.

HAMILTON COUNTY—WM. P. GIBBS, Observer, McLeansboro. Highest temperature, 60°; lowest, -15°; mean, 23°,30. The prevailing wind of the month was northwest. Highest velocity 4. The total precipitation of the month was 4.20 inches, rain or snow falling on 9 days. Fourteen and a half inches of snow fell in January, of which four inches remained on the ground at the end of the month. Thunder-storm on the 11th. Frost January 1st, 2d, 3d, 4th, 7th, 8th, 13th, 20th and 21st. Lunar halo on the 22d. There were 12 clear, 7 fair and 13 cloudy days during the month.

UNION COUNTY—JOHN D. NEWBEGIN, Observer, Anna. Highest barometer, 30.750; lowest, 29.450: mean, 30.230. Highest temperature of the month, 25°,91, is 7.°24 below the January mean of the past 10 years, and the precipation, 4.64 inches, is 0.96 of an inch above the mean of the same period. Rain or snow fell on 9 days. The snow-fall of the month was 11.60 inches, 3 inches remaining on the ground at the close of the month. Heavy thunder-storm on the 11th. Winds followed by rain, south, southwest and northeast; by clear or fair weather, northwest. The prevailing wind of the month was northwest; maximum force 5.

POPE COUNTY—J. E Y. HANNA, Observer, Golconda. Highest temperature, 61°, lowest, -10°; mean, 27°.29. Prevailing wind northwest; maximum velocity 4. Winds followed by rain, east, southeast, southwest and south; by clear or fair weather, southwest, northwest and west. The total precipitation was 4.82 inches, rain or snow falling on 12 days, 4.50 inches of snow fell during the month, only a trace of which remained at the close. Thunder-storm with hail on the 11th. On the 27th there was quite a "blizzard" The temperature fell 24° between 3 and 5, P. M. Frost January 1, 2, 3, 4, 17, 23, 26, 28 and 29. Lunar halo on the 3d.

ALEXANDER COUNTY—H. N. FORD, Private Signal Corps, U. S. A., Cairo. Highest barometer, 30.750 on the 2d; lowest, 29.437 on the 11th; mean, 30.238. Highest thermometer, 61° on the 8th, lowest 4, on the 22d. The mean temperature 29.°80, is 4°58 below the January mean of the past 14 years. Relative humidity of the month 75.90. Precipitation 3.49 inches, which is .24 inches above the average of 14 Januarys past. Rain or snow fell on 11 days. There were 12 clear, 11 fair, and 8 cloudy days during the month. Frost on the 4th, 7th and 20th. The prevailing wind was north; highest velocity, 5. Total movement of the wind during January, 6321 miles.

MONTHLY WEATHER REVIEW

—FOR—

FEBRUARY 1885,

—CONTAINING—

SUMMARY OF METEOROLOGICAL OBSERVATIONS

—MADE TO THE—

ILLINOIS DEPARTMENT OF AGRICULTURE.

CHARLES F. MILLS, SECRETARY.

SPRINGFIELD, ILL.
JOURNAL CO., STATE PRINTERS AND BINDERS.
1885.

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WEATHER REVIEW

Illinois Department of Agriculture,

MONTH OF FEBRUARY, 1885.

The summary of meteorologieal observations eontained in this review has been compiled from the weather reports received from the Signal serviee and voluntary observers reporting to the Illinois Department of Agrieulture.

February, 1885, was remarkable for low temperature, and in eomparison with the eorresponding month in former years, unusual depth of snow-fall, and light precipitation.

The snow-fall during the month averaged 16.23 inehes at stations in the Northern Division, 9.41 inehes at stations in the Central Division and 6.80 inehes at stations in the Southern Division.

At Aurora, Kane eounty, in the Northern Division, 20.90 inehes of snow-fall is reported for the month of Febrnary. The monthly snow-fall in the vieinity of Warsaw, Haneock eounty, in the Central Division, was 17.40 inehes, and 16.50 inches at Greenville, in Bond eounty, in the Southern Division.

TEMPERATURE.

The average temperature during the month was much below the normal at all stations named in this report.

The lowest mean temperature for the month of February at any of the stations reporting was 7°.70 at Marengo, MeHenry county; the highest 31°.80 at Cairo, Alexander eounty. The monthly mean temperature in the three divisions of the State during the month was as follows: Northern Division 11°.36; Central Division 18°.67, Southern Division 25°.86. The monthly mean temperature for the State was 18°.63. The lowest temperature reported during the month was -32°.00, on the 13th, at Wilton Centre, Will eounty. The greatest departures from the mean February temperature are reported by the observers at the following stations where the temperature ranged as noted from ten to twenty degrees below normal: Keokuk, opposite Haneock county, -20°.30; Marengo, MeHenry eounty, -14°.90; Syeamore DeKalb eounty, -14°.17; Aurora, Kane county, -14°.10; Swanwick, Perry county, -14°.40; Peoria, -12°.94; Mattoon, Coles eounty, -12°.83; Greenville, Bond county, -11°.92; Centralia, Marion county, -11°.76; Anna, Union eounty, -11°.20; Springfield, Sangamon county, -10°.88; Prairieville, Lee eounty, -10°.77.

The lowest temperature reported during February in the Northern Division of the State was noted on the 11th and 13th. The temperature at four stations was -7°.0 on the 11th and from -22°.0 to -32°.0 at four stations on the 13th.

In the Central and Southern Divisions of the State, the lowest temperature in February was noted on the 10th and 20th. The low temperature in the Central Division was from -11°.0 to -14°.0, at four stations on the 10th, and from -14°.0 to -20°.0 at four stations on the 20th.

In the Southern Division the extreme low temperature during the month was noted on the 10th and 20th. The temperature ranged from -5°.50 to -15°.0, at five stations on the 10th and from -0°.60 to -14°.0 at five stations on the 20th.

The February mean temperature of the State has been as follows during the past five years: 1881, 23°.09, 1882, 39°.41; 1883, 26°.44; 1884, 30°.16; 1885, 18°.49.

PRECIPITATION.

The observers with one exception report the precipitation less than that of any previous corresponding month represented in this report. The February rain-fall of the State the past five years has averaged as follows: 1881, 4.73 inches; 1882, 4.63 inches; 1883, 6.29 inches; 1884, 4.02 inches, 1885, 1.29 inches,

There was no precipitation worthy of mention in any portion of the State on February 1, 2, 3, 10, 11, 12, 13, 14, 16, 18, 19, 20, 21, 22, 25, 26, 27 and 28. The precipitation was quite general over the State on the 8th, 9th and 15th. The heaviest daily precipitation, including rain and melted snow, reported during the month was two inches at Wilton Centre, Will couty, on the 9th; one inch at Prairieville, Lee county, on the 8th; one inch at Marengo, McHenry county, and 1.16 inches at Aurora, Kane county, on the 9th. The monthly precipitation exceeded two inches at the following stations: Wilton Centre, Will county. 2.76 inches; Aurora, Kane county, 2.09 inches; Chicago, Cook county, 2.01 inches. The monthly precipitation averaged 1.83 inches in the Northern Division, 0.83 inches in the Central Division and 1.06 inches in the Southern Division.

In the Northern Division there was at the several stations an average of ten clear, ten fair and eight cloudy days. At the stations in the Central Division there was an average of ten clear, twelve fair and six cloudy days. At the stations in the Southern Division there was an average of ten clear, eleven fair and seven cloudy days.

ANNUAL PRECIPITATION.

An acre of ground contains 6,272,640 square inches. One inch of rain-fall on an acre of land will make 6,272,640 cubic inches of water or 3,630 cubic feet. At the common temperature of from 70° to 75° Fahrenheit, a cubic foot of fresh water weighs very approximately 62¼ pounds avordupois. The weight of one inch rain-fall over an acre of land will be 225,967½ pounds, in round numbers 113 tons of 2,000 pounds each. An annual rain-fall of 42 inches, on one acre of land weighs 4,746 tons, equal to 395 car loads of 12 tons each.

METEOROLOGY.

"It is believed that when they (meteorological reports) become to be properly understood, they cannot fail to be of great practical value, not only to those directly engaged in agricultural pursuits, but to all who are directly or indirectly dependent upon the soil.

"The establishment of the State Weather Service has been favored and urged by many physicians, that they might procure the material for a more rational study of the influence of climatic conditions upon many diseases, which are often confined and restricted to certain localities. All reliable meteorological information is of value in this direction, and it is believed that in the future, when an observer is established in every county in the State, great aid will be rendered to those engaged in the investigation of this important point."—Mendenhall.

TABLES.

The meteorological tables and remarks of weather observers published elsewhere in this report present many interesting details concerning the temperature rain-fall etc., during the month of February 1885, at the several stations reporting.

NEW OBSERVERS.

The science of metcorology is deservedly receiving more attention each succeeding year. The results of the crops are so dependent upon the conditions of the weather that all information relating thereto should be carefully preserved.

The department desires to secure the assistance of an observer for each county in the State. If some person interested in meteorology in each county not represented in this weather review is willing to contribute his services in reporting at least the temperature and rain-fall, he will confer a favor by addressing the undersigned.

CHARLES F. MILLS,

Secretary.

STATE SUMMARY FOR FEBRUARY, 1885.

Highest barometer, 30.700 inches, at Wilton Centre.

Lowest barometer, 29.134 inches, at Peoria.

Mean barometer, 30.083 inches.

Range of barometer, 1.566 inches.

Mean relative humidity, 73.33 per cent.

Highest temperature, 72°.00 at Marion.

Lowest temperature, —32°.00 at Wilton Centre.

Mean temperature, 18°.49.

Greatest daily range of temperature, 42°.00 at Sycamore.

Least daily range of temperature, 1°.00 at Aurora and Pana.

Mean daily range of temperature, 18°.54.

Average number of clear days, 10.

Average number of fair days, 11.

Average number of cloudy days, 7.

Average number of days on which rain fell, 7.

Greatest number of days in which rain fell, 12, at Keokuk.

Least number of days on which rain fell, 3, at Mascoutah and Centralia.

Mean rainfall, 1.29 inches.

Average daily rainfall, .048 inches.

Greatest rainfall, 2.76 inches at Wilton Centre.

Least rainfall, .66 inches at Collinsville and Swanwick.

Average depth snowfall 10.85 inches.

Prevailing direction of wind, N. W.

Table of Comparison for February 1881, 1882, 1883, 1884 and 1885.

	1881.	1882.	1883.	1884.	1885.
Highest barometer	30.600 inches	30.594 inches	30.850 inches	30.730 inches	30.700 inches.
Lowest "	28.300 "	28.870 "	29.030 "	28.920 "	29.134 "
Mean "	29.799 "	29.857 "	30.109 "	30.021 "	30·083 "
Range of "	2.300 "	1.724 "	1.820 "	1.810 "	1.566 "
Mean relative humidity.	74.25 per cent.	73.54 per cent.	75.65 per cent.	76.17 per cent	73.33 per cent.
Highest temperature.	60°	76°	78°	69°	72°.
Lowest "	-16°	2°	-22°	-12°	-32°.
Mean "	23°.09	39°.41	26°.44	30°16	18°.49.
Range of "	76°	74°	100°	81°	104°.
Greatest daily range of temp	27°	31°		38°	42°.
Least " "	1°	4°		1°	1°.
Mean " "	12°.99	14°.57		14°.08	18°.54.
Average number of clear days		7.		4.	10.
Average number of fair days		10.		10.	11.
Average number of cloudy days		11.		15.	7.
Number of days on which rain fell.	13.	10.	10	11.	6.
Greatest rainfall	6.49 in. at Champaign	10.19 in. at Golconda	12.25 in. at Mascoutah	8.90 in. at Greenville	2.76 in. at White Cen'r, .66 in. at Col'n'v'l, Swanwick and Mattoon.
Least rainfall	1.60 in. at Centralia	0.73 in. at Morrison	2.72 in. at Monmouth.	0.54 in. at Rock Island	
Mean rainfall	4.73 inches	4.63 inches	6.29 inches	4.02 inches	1.29 "
Average daily rainfall	0.169 "	0.165 "	0.225 inches	0.138 inches	0.048 "
Average snow-falls				3.93 inches	10.85 "
Prevailing direction of wind	N. W.	S.	N. W.	N. W.	N. W.

Comparison of the Precipitation and Mean Temperature for February, 1885, with the Corresponding Month of Former Years.

STATION.	PRECIPITATION.				MEAN TEMPERATURE.			
	Average Precipitation for February.	Number of Years...	Precipitation for February, 1885. ...	*Difference.	Average Temperature for February.	Number of Years..	Mean Temperature for February, 1885.	*Difference.....
NORTHERN DIVISION.								
Marengo.....McHenry Co....	1.65	22	1.92	+.27	22.60	24	7.70	—14.90
Syeamore.... DeKalb Co	2.77	5	1.55	-1.22	22.90	5	8.73	—14.17
Chieago .....Cook Co.....	2.29	14	2.01	-.28	28.00	14	16.80	—11.20
Aurora .....Kane Co..... ...	3.29	3	2.09	-1.20	23.69	6	9.59	—14.10
Prairieville...Lee Co	2.74	4	1.60	-1.14	21.00	5	10.23	—10.77
Wilton Centre.Will Co...	2.76	1	2.76	....	10.60	1	10.60	.....
Peoria .....Peoria Co.....	2.41	8	.87	-1.54	28.84	8	15.90	--12.94
CENTRAL DIVISION.								
Keokuk,(Ia.)..Hancock Co	1.71	14	1.14	-.57	36.70	14	16.40	—20.30
Springfield....Sangamon Co ..	5 83	6	.94	-4.89	31.88	6	21.00	—10 88
Griggsville ...Pike Co.....	3.63	3	1.11	-2.52	22.07	3	15.50	—6.57
Mattoon.....Coles Co	5.66	6	.66	-5.00	31.13	6	18.30	—12.83
Pana .....Christian Co...	3.13	3	.88	-2.25	20.33	3	.....	.. ....
Bunker Hill. .Macoupin Co...	4.15	2	.87	-3.28	24.32	2	20.34	—3.98
SOUTHERN DIVISION.								
Palestine..... Crawford Co ...	6.44	2	.....	.....	35.70	2	.....	. .....
Greenville ....Bond Co.....	5.09	3	1.87	-3.22	32.62	3	20.70	—11.92
Collinsville....Madison Co.	.66	1	.66	.....	22.80	1	22.80	.....
Maseoutah... St. Clair Co	6.55	3	.71	-5.84	38.02	2	.....	.....
Centralia.....Marion Co	4.14	6	.85	-3.29	32.76	7	21.00	—11.76
Swanwick.....Perry Co... ...	4.50	3	.66	-3.84	36.60	3	22.20	—14.40
McLeansboro..Hamilton Co ...	4.41	6	1.10	-3.31	32.76	7	25.00	—7.76
Anna .....Union Co.....	4.23	10	1.22	-3 01	39.20	10	28.00	—11.20
Goleonda.....Pope Co....	5.55	7	1.48	-4.07	37.31	6	28.08	—9.21
Cairo .....Alexander Co..	4.69	14	1.48	-3.21	40.26	14	31.80	—8 46
Fairfield.....Wayne Co	1.37	1	1.37	....	25.15	1	25.15	.....
St. Louis,(Mo.) St.Clair Co....	3.91	15	.87	-3.04	35.52	15	27.10	—8.42

* In the columns marked difference, the + sign denotes an excess, and the — sign a deficiency for February, 1885. The precipitation is expressed in inches, the temperature in degrees, Fahrenheit.

Summary for February, 1885.

STATION.	Highest Barometer....	Date	Lowest Barometer....	Date	Mean Barometer.....	Range of Barometer...	Mean Relative Humidity.....	Highest Temperature..	Date	Lowest Temperature ..	Date	Mean Temperature ....
NORTHERN DIVISION.												
Station. *County.*												
Marengo....McHenry..	.....	....	.....	.....	.....	.....	.....	40.00	28th	-23 70	11th	7.70
Sycamore.. DeKalb..	.....	....	.....	.....	.....	.....	.....	42.00	28th	-27.00	13th	8.73
Chicago. ...Cook	30.582	....	29.437	4th	30.013	1.145	79.60	47.20	3d	-13 70	11th	16.80
Aurora.....Kane.....	30.450	23d	29.390	4th	29.980	1.066	.....	42.00	28th	-27.00	11th	9.59
Prairieville..Lee	30.280	23d	29.300	3d	27.770	.980	74.00	42.00	28th	-22.00	13th	10.23
Wilton CentreWill.....	30.700	22d	29.600	.....	30.170	1 100	.....	46.00	28th	-32.00	13th	10.60
Peoria ..... Peoria....	30.167	..	29.134	4th	29.627	1.033	79.00	49.00	28th	-22.00	13th	15.90
Oneida.....Knox.....	.....	22d	.....	.....	.....	.....	.....	34.00	28th	-21.00	11th	.....
Average	.....	....	.....	.....	29.912	1.064	77.53	.....	.....	.....	.....	11.36
CENTRAL DIVISION.												
Keokuk, (Ia) Hancoek..	30.551	23d	29.608	3d	30.075	.943	78.40	46 30	27th	-14.50	10th	16.40
*Hugo.....Douglass..	.....	....	.....	..	.....	...	.....	52.00	28th	-16.00	20th	20 48
Springfield..Sangamon	30.573	23d	29.596	7th	30.086	.983	67.70	54.80	28th	-11.20	10th	21.00
Griggsville..Pike.....	30.670	22d	29.700	4th	30.540	.970	.....	46.00	28th	-20.00	20th	15.50
Mattoon. ...Coles	.....	.. .	.....	.....	.....	....	.. ..	53.00	27th	-14.00	20th	18.30
Pana..... ... Christian..	.....	....	.....	.....	.....	.....	.....	59.00	28th	-14.00	10&20	.....
Bunker Hill.Macoupin	.....	...	.....	.....	.....	... ..	.....	60.00	28th	-13.00	10th	20.34
Average	.....	....	.....	.....	30.231	.965	73.05	.....	.....	.....	.....	18.67
SOUTHERN DIVISION.												
Palestine ...Crawford..	.....	...	.....	.....	.....	.....	.....	63.00	28th	-11.00	10th	22.44
Greenville..Bond.....	.....	..	.....	.....	.....	.....	.....	63.00	28th	-15.00	10th	20.77
Collinsville..Madison ..	.....	....	.....	.....	.....	.....	.....	63.00	28th	-11.00	10th	22.80
St.Louis,(Mo.) St.Clair	30.568	23d	29.548	7th	30.088	1.020	72 60	68.40	3d	- 5.50	10th	27.10
Mascoutah..St Clair ..	.....	...	.....	.....	.....	.....	.....	56.00	28th	-12.00	10th	.....
Centralia. ..Marion....	.....	..	.....	.....	.....	.....	.....	64.00	28th	-14.00	20th	21.00
Fairfield ....Wayne....	.....	...	.....	.....	.....	.....	.....	68 00	28th	- 6.00	20th	25.15
Swanwiek.. Perry.....	.....	...	.....	.....	.....	.....	.....	67 00	28th	-10.00	20th	22.20
MeL'nsboro.Hamilton..	.....	....	.....	.....	.....	.....	.....	68.00	28th	- 9.00	10th	25.00
†Marion.....Willi'm'sn	.....	....	.....	....	.....	.....	.....	72.00	28th	- 8.00	20th	27.87
Anna.....Union.....	30.520	....	29.600	.....	30.120	.920	.....	69.00	.....	- 6.00	....	28 00
Golconda .. Pope	.....	...	.....	...	...	...	.....	64.00	.....	- 5.00	.....	28.08
Cairo..... Alexander	30.529	22d	29 593	9th	30.101	.936	66.20	67.00	28th	.60	20th	31.80
Average.	.....	..	.....	.....	30.103	.959	69.40	....	.....	.....	..	25.86
State Average.....	.....	...	.....	.....	30.083	.996	73.33	.....	.....	.....	.....	18.63

*Record begins February 20.

†Record begins February 19.

Summary for February, 1885.—Continued.

STATIONS.	Range of Temperature	Greatest Daily Range of Temperature.....	Date	Least Daily Range of Temperature.....	Date	Mean Daily Range of Temperature.....	Number of Clear Days.	Number of Fair Days..	Number of Cloudy D'ys	Days on Which Rain Fell..	Total Rainfall for Month.....	Average Daily Rainfall.....	Direction of Wind.....	Snowfall in inches during Month.....
NORTHERN DIVISION.														
Postoffice. *County.*														
Marengo....McHenry....	63.70	22.90	21st	4.60	10th	14.40	13	9	6	7	1.92	.069	NW	19.75
Sycamore...DeKalb.....	69.00	42.00	13th	5.00	10th	16.46	13	5	10	6	1.55	.055	NW	15.50
Chicago ....Cook	60.90	26.10	14th	8.08	7th	17.95	10	9	9	11	2.01	.072	SW	19.00
Aurora.. ....Kane.....	69.00	35.00	11-14	1.00	4th	18.50	7	15	6	5	2 09	.075	W	20.90
Prairieville..Lee.....	64.00	33.00	23d	6.00	7th	17.43	..	..	..	7	1.60	.057	W	14.50
Wilton Cent.Will.	78.00	39.00	22d	7 00	4th	22.61	12	8	8	5	2.76	.098	W	13.00
Peoria. .....Peoria	71.00	.....	.....	.....	.....	.....	..		..	8	.87	.031	W	11.00
Oneida.....Knox.	.....	.....	.....	.....	.....	.....	3	16	9	....	....	...	.....	.....
Average.....	67.94	....	.....	.....	.....	17.89	10	10	8	7	1.83	.065	.....	16.23
CENTRAL DIVISION.														
Keokuk(Ia)..Hancock....	60.80	29.60	11th	6 80	4th	18.11	13	11	4	12	1.14	.071	NW	17.40
*Hugo . ..Douglas.....	68.00	38.00	23d	8.00	24th	23.22	..	..	..	....	....	...	W	2.50
Springfield ..Sangamon..	66.00	30 70	2d	6.50	4th	19.55	10	14	4	8	.94	.033	W	11.30
Griggsville..Pike	66.00	33 00	23d	4.00	5th	16.82	7	14	7	6	1 11	.040	NE	.....
Mattoon. ....Coles.....	67.00	33.00	23d	4.00	4th	17.82	..	..	..	7	.66	.023	N	7.00
Pana... . Christian....	73.00	27.00	7-15th	1.00	4th	16.46	9	10	9	6	.88	.031	NW	11.00
Bunker Hill..Macoupin...	73.00	40.00	21st	10.00	8th	23.86	.	..	..	5	87	.031	.....	7.24
Average.....	67.68	.....	.....	.....	.....	19.40	10	12	6	7	.93	.038	.....	9.41
SOUTHERN DIVISION.														
Palestine....Crawford...	74 00	36.40	14th	2.00	4th	16.33	14	10	4	5	1.65	.059	NW	5.75
Greenville...Bond.... ...	74.0	38.00	23d	9.00	10th	20.46	12	12	4	4	1.87	.067	N&W	16.50
Collinsville..Madison	74.00	31.50	2d	7.00	4th	19.46	..	..	6	5	.66	.023	.....	.....
St.Louis(Mo).St. Clair....	73.90	36.50	2d	11.90	8th	21.43	10	12	..	7	.87	.031	W	.....
Mascoutah ..St. Clair	68.00	32.00	8th	2.00	1st	14.96	..	..	10	3	.71	.024	.....	8.50
Centralia ....Marion.....	78.00	31.00	23d	7.00	8th	18 61	10	8	..	3	.85	030	NW	8.50
Fairfield... .Wayne	74 00	40.00	28th	3.00	5-9th	16.14	..	..	..	....	1.37	.049	NW	5.62
Swanwick. ..Perry.	77 00	25.00	23-28	3.00	8th	15.53	..	..	11	5	.66	.023	NW	5.50
M'Leansboro.Hamilton .	77 00	29.00	21st	5 00	8th	18.25	7	10	..	8	1.10	040	NW	8.50
†Marion..... Williamson.	76.00	32.00	28th	10.00	24th	21 90	..		..	....	.	...	.....	3.00
Anna .....Union.....	75.00	.....	.....	.....	.....	.....	.	..	.	5	1.22	.043	NW	8.15
Golconda .. Pope.....	69.00	.....	.....	.....	.....	..	..	..	6	5	1.48	053	NW	2 50
Cairo .....Alexander..	66.40	23.50	17th	7.00	25th	16.52	10	12	..	6	1 18	.053	NW	2 33
Average.....	73.56	.....	.....	.....	.....	18.14	10	11	7	5	1.19	.040	.....	6.80
State Average.....	69 73	.....	.....	.....	.....	18.48	10	11	7	6	1.30	.048	.....	10.81

*Record begins February 20.

†Record begins February 19.

Summary of Meteorological Observations for the Month of February, 1885, made to the Department of Agriculture, March 1, 1885. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.

STATIONS.	Elevation above sea level	BAROMETER. Highest barometer during month	BAROMETER. Lowest	BAROMETER. Mean	THERMOMETER. Highest temperature	THERMOMETER. Lowest	THERMOMETER. Mean	HUMIDITY. Mean	*WIND. Prevailing	*WIND. Maximum velocity or force	RAIN. Total rainfall or melted snow	RAIN. No. of days on which 0.01 or more rain or melted snow fell	RAIN. No. of days on which cloudiness averaged 8 or more on a scale of ten	Depth of snow, in inches, on ground at close of month	Total snowfall, in inches, during the month
	Feet.	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inches	No.	No.	Inches	Inches
NORTHERN DIVISION.															
County. *Post Office.*															
McHenry.....Marengo.....	925	.. ...	.....	.....	40.00	-23 70	7.70	.....	N.W.	4	1.92	7	6	10.00	19.75
De Kalb.....Sycamore.....	800	.....	... ...	.....	42.00	-27 00	8.73	... .	N.W.	4	1.55	6	10	13 00	15.50
Cook ... .Chicago.....	661	30.582	29.437	30.013	47 20	-13.70	16.80	79.60	S. W.	4	2.01	11	....	18 30	19 00
Kane.....Aurora.....	676	30.450	29 390	29.980	42.00	-27.00	9.59	.. ..	W.	4	2.09	5	5	8 00	20.90
Lee.....Prairieville....	725	30 280	29.300	29.770	42 00	-22.00	10 23	74.00	W.	3	1.60	10	10	8.00	14.50
Will .. ..Wilton Centre..	600	30.700	29.600	30.170	46.00	-32.00	10.60	....	W.	4	2.76	12	12	.....	13.00
Peoria.....Peoria....	475	30.167	29.134	29.627	49.00	-22.00	15.90	79.00	W.	5	0.87	8	7	.....	11.00
Knox.....Oneida.....	.....	.. ....	.....	.....	34.00	-21.00	.....	....	... .	.....	.....	...	.....	.....	.....
Average	. ...	.....	.....	29.912	... ...	.....	11.36	77.53	.....	4	1 83	7	7	11.46	16.23
CENTRAL DIVISION.															
Hancock.....Keokuk, (Ia.)...	.....	30.551	29.608	30.075	46.30	-14.50	16.40	78.40	N.W.	4	1.14	12	.....	4.00	17.40
Douglas.....★Hugo.....	.....	....	...	....	52.00	-16.00	20.48	....	W.	2	....	.....	.....	4.00	2.50
Sangamon ... ..Springfield.....	644	30.573	29.590	30.086	54.80	-11.20	21.00	67.70	W.	4	.94	8	.....	.....	11.30
Pike ....Griggsville.....	625	30.670	29.700	36.540	46.00	-20.00	15.50	.....	N. E.	.....	1.11	6	.....	... .	... ...
Coles.....Mattoon.....	728	.....	.....	.....	53.00	-14.00	18.30	.....	N.	.....	.66	7	8	.....	7.00

Christian	Pana	760				59.00	-14.00			N.W.	3	.88	6	9	11.00
Macoupin	Bunker Hill	700				60.00	-13.00	20.34				.87	5		7.21
Average					30.234			18.67	73 05		4	.93	7	8	4.00	9.41
SOUTHERN DIVISION.																
Crawford	Palestine					63.00	-11.00	22.44		N.W.	3	1.65	5	7		5.75
Bond	Greenville					63.00	-15.00	20.77		N. & W.		1 87	4			16.50
Madison	Collinsville					63.00	-11.00	28.80				.66	5	8		
St. Clair	St Louis, (Mo.)		30.568	29.548	30.088	68 40	-5.50	27.10	72.60	W.	4	.87	7			
St. Clair	Mascoutah					56 00	-12.00					.71	3			8.50
Marion	Centralia.	492				64.00	-14 00	22.00		N.W.	3	.85	3	14		8 50
Wayne	Fairfield.					68.00	-6.00	25.15		N.W.		1.37				5 62
Perry	Swanwick					67.00	-10.00	21.20		N.W.	4	.66	5	7		5.50
Hamilton	McLeansboro					68.00	-9.00	25 00		N.W.	4	1.10	8	11		8.50
Williamson	†Marion					72.00	-8.00	27.87								3.00
Union	Anna	630	30.520	29.600	30.120	69.00	-6 00	28 00		N.W.	4	1.22	5	3		8.15
Pope	Golconda					64.00	-5.00	28.08		N.W.	5	1.48	5	9		2.50
Alexander	Cairo	377	30 529	29.593	30.101	67.00	.60	31.80	66.20	N.W.	6	1.48	6			2.33
Average					30.103			25.86	69.40		4	1.16	5	8		6.80
State Average					30 083			18.63	73.33		4	1.30	6	8	7.73	10.81

* Record begins February 20. † Record begins February 19

Distribution and Amount of Precipitation for February, 1885, Reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.																											Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
NORTHERN DIVISION.																													
County. *Post Office.*																													
McHenry... ..... Marengo...	..	..	....	...	.07	....	.55	....	1.00	....	...	...	..	...	.30	.	....	---	..	..	..	....	...	...	..	....	.	....	1.92
DeKalb. ....Sycamore.....	..	..	....	.15	...	....	.50	.30	.30	....	.	....	..	.10	20	..	...	---	.	..	..	....	....	....	....	...	..	...	1.55
Cook..... .....Chicago..	..	..	....	.02	.04	.01	.37	.15	.84	...	.04	.02	..	....	.47	..	.03	..	..	..	..	...	....	....	...	.02	..	..	2.01
Kane..... ..... Aurora.....	.	..	....	....	.17	.03	.27	....	1.16	....	....	....	..	....	.46	..	....	....	..	.	.	...	....	....	...	....	..	....	2.09
Lee... .... Prarieville.....	....	..	.02	....	....	.03	.02	1.00	.50	....	...	...	..	....	.01	..	.02	....	..	..	..	....	....	.. .	...	....	..	....	1 60
Will..... ..... Wilton Centre.....	..	..	....	....	..	...	.46	....	2.00	....	....	....	..	....	.30	..	....	....	..	..	..	....	....	....	...	...	.	...	2.76
Peoria.... . ... Peoria.....	..	..	....	...	..	.20	..	....	.25	...	....	---	..	.25	...	..	12	....	..	.	..	....	....	.05	...	....	..	....	.87
Average	..	..	.02	.08	.09	.07	.36	.48	.86	....	.04	.02	..	.17	.29	..	.06	....	..	..	..	....	....	.05	...	.02	.	....	1·83
CENTRAL DIVISION.																													
Hancock..... .... Keokuk (Ia..)	..	..	..	...	....	.02	....	.22	.25	....	.04	....	..	.09	.19	..	.10	....	..	..	..	...	..	.23	....	.	..	....	1.14
Douglas.....★Hugo..... ...	..	..	....	...	...	...	...	...	...	....	...	...	..	...	...	..	...	. .	..	..	..	...	....	.17	...	.04	..	...	.21
Sangamon... ... .Springfield.....	..	..	....	...	..	.08	. .	.15	.09	....	....	.03	..	....	.12	..	.19	....	..	..	..	...	...	.27	....	.01	..	....	.94
Pike..... .....Griggsville.	..	..	...	..	....	.08	....	....	.34	..	....	....	.	....	.24	..	.14	...	..	.	..	....	....	.26	...	.05	..	....	1.11
Coles .... Mattoon....	..	..	...	.01	....	.02	....	....	.12	....	....	....	..	...	.38	..	.03	....	..	..	..	...	..	.10	....	...	..	...	.66
Christian ....Pana	..	..	....	...	....	.08	..	....	.16	...	....	....	..	...	.32	..	.16	...	.	..	..	...	...	.16	....	....	..	....	.88
Macoupin..... .... Bunker Hill.....	..	..	....	...	...	....	....	.15	.13	...	....	...	..	....	.27	..	.14	...	.	..	..	....	....	.18	....	---	..	..	.87
Average	..	.	....	.01	...	.06	....	.17	.18	....	.04	.03	.	.09	.25	..	.13	....	..	..	..	....	....	.19	...	.03	..	....	.83
SOUTHERN DIVISON.																													
Crawford..... ..... Palestine.....	..	..	....	...	....	..	....	....	---	---	...	....	..	....	---		....	....	..	..	..	....	.. .	..	....	....	..	---	.....
Bond ....Greenville.....	..	..	....	....	...	...	....	--	.50	.37	---	..	..	....	.67	..	....	....	..	.	..	....	....	.23	..	---	..	....	1.87
Madison.. . ...Collinsville..	..	..	..	....		....	...	....	.21	....	....	...	..	....	.16	..	.01	...	--	..	..	...	...	.13	---	...	..	..	.66
St. Clair .. ..St. Louis (Mo.).....	..	..	..	.	...	..	....	....	.11	.11	.31	...	---	..	.	..	.15	..	...	....	..	..	...	.CC	13	...	...	..	.10	.87
St. Clair.... .. ..Mascoutah.	..	..	....	.	....	..	..	....	.21	....	....	....	.	....	.25	..	---	....	..	..	..	..	...	.15	...	....	..	---	.71
Marion... .... Centralia.....	..	..	..	....	....	.05	..	...	....	...	....	....	.	...	.50	..	....	....	..	..	..	....	...	.30	..	...	..	...	.85
Wayne..... .....Fairfield.....	..	..	....	....	....	....	...	....	....	....	...	....	..	....	....	..	---	...	..	..	..	....	....	..	....	....	..	...	1.37
Perry..... ...Swanwick	..	.	....	..	..	....	..	....	.15	....	...	....	..	....	.21	..	....	...	..	..	..	....	...	.30	...	....	.	...	.66
Hamilton.....McLeansboro.		..	....	....	....	...	...	.25	.25	....	...	....	..	...	.20	..	.05	....	..	..	..	....	.10	.10	.05	...	..	.16	1.10
Marion.....†Williamson.....	..	..	....	...	....	....	....	....		---	....	....	..	....	....	..	....	....	--	-	..	....	...	·45	...	...	..	..	.45
Union.....Anna.....	..	..	....	....	....	....	....	..	.62	...	...	....	..	...	.20	..	....	...	..	..	..	....	...	.40	....	...	.	....	1.22
Pope. .....Golconda...	..	..	. .	...	..	....	...	....	...	....	....	..	..	....	....	..	...	..	..	..	..	....	....	....	....	....	..	....	1.48
Alexander..... Cairo.....	..	..	....	....	.16	....	....	.01	.84	...	....	...	..	....	.20	..	..	....	..	..	..	....	.12	.25	...	....	..	...	1.48
Average	..	..	....	....	.16	.05	....	.12	.36	.34	....	---	..	....	.28	..	.03	...	..	..	..	....	.06	.26	.05	...	..	.16	1.06

★Record begins February 20. † Record begins February 19.

REMARKS FOR FEBRUARY.

ALEXANDER COUNTY—H. W. FORD, Private Signal Corps, U. S. A., Cairo. Highest barometer, 30.529 on the 22d; lowest, 29.593 on the 9th; mean, 30.101; range, 0.936. Highest thermometer, 67° on the 28th; lowest, 0°.60 on the 20th; mean, 31°.80; range, 66°.40; greatest daily range, 23°.50 on the 17th; least daily range, 7° on the 25th; mean daily range, 16°.90. Relative humidity, 66.2 per cent. Rain or snow fell on 6 days, the precipitation being 1.48 inches. There were 10 clear, 12 fair and 6 cloudy days in February. Frost on the 21st. Prevailing wind, northwest; total movement, 6,411 miles; greatest velocity, 6. The mean temperature of the month, 31°.80, is 8°.46 below the mean of the past 14 Februarys, and the precipitation, 1.48 inches, is 3.21 inches below the average for the same time.

BOND COUNTY—JOHN B. WHITE, Observer, Greenville. Highest temperature during February, was 63° on the 28th; the lowest, -15° on the 10th; mean for the month, 20°.77. Rain or snow fell on 5 days, the precipitation being 0.50 inches. The total snowfall of the month was 16.50 inches. Thunderstorm at 8 P. M. on the 9th. The wind was from the north 8 times, northeast 18, east 3, southeast 11, south 6, southwest 11, west 13 and northwest 14 times. There were 12 clear, 12 fair and 4 cloudy days during the month.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest thermometer, 59° on the 28th; lowest, -14° on the 10th; range, 73°. Rain or snow fell on 6 days, the precipitation being 0.88 inches. Eleven inches of snow fell in February, but it all disappeared by the end of the month, except where it was drifted. On the 15th there was a light snow, with but little wind, but at 9 A. M. the wind whirled suddenly to the northwest, and blew a gale, the mercury falling rapidly from 32° to 18°, in a few hours. Four inches of snow fell. The prevailing wind was northwest; maximum force 3. Winds followed by rain, northeast, south and southeast; by clear or fair weather, west and northwest.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature during the month was 53° on the 27th, lowest, -14° on the 20th; range, 67°. The mean temperature of the month, 18°.30, is 12°.83 below the average of 6 Februarys past. Snow fell on 7 days, the precipitation, (melted snow) being 0.65 inches. The depth of unmelted snow was 7 inches, which is 2.76 more than the average February snow fall of the past 6 years, while the precipitation was 5 inches less than the average precipitation for the same period. Thunder storm with hail, on the 8th. The prevailing wind was north. Ice formed on 27 days during the month.

COOK COUNTY—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer 30.582 on the 23d; lowest, 29.437, on the 4th; mean, 30.013; range 1.145. Highest thermometer, 47°.20 on the 3d; lowest, -13°.70 on the 11th; range 60°.90. The mean temperature of the month, 16°.89, is 11°.20 below the average of the past 14 Februarys, and is the lowest February mean for that time. The relative humidity of the month, was 79.6 per cent. Rain or snow fell on 11 days, the precipitation being 2.01 inches, which is 0.28 of an inch below the February average of 14 years. The total snow fall was 19 inches, 18.30 inches remaining on the ground at the end of the month. There were 10 clear, 9 fair, and 9 cloudy days in February. The prevailing wind of the month was southwest, and its total movement 4934 miles. Greatest velocity of the wind in February, 4. Frost on the 3d, 23d, 27th and 28th. Solar halo on the 10th.

CRAWFORD COUNTY—J. E. Templeton, Observer, Palestine. Highest temperature during February, 63° on the 28th; lowest, -11° on the 10th; mean, 22°.44. Range for the month, 74°; greatest daily range, 36°.40 on the 14th; least daily range, 2° on the 4th. Rain or snow fell on 5 days, the precipitation being 1.65 inches. The snow-fall of the month was 5.75 inches. There was a thunder storm from the southwest on the 9th, during which a small quantity of fine hail fell. It was hailing, raining and snowing at intervals all day. The prevailing wind of the month was NW., and its greatest velocity 3. There were 10 clear, 14 fair and 4 cloudy days in February.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest thermometer, 42° on the 27th, and 28th; lowest, -27° on the 13th range, 69°; mean, 8°73. The lowest temperature of the month, —27°, was the lowest for four years, excepting January 5, 1884, when it was -28°. The mean for the month, 8°.73, was the lowest mean for any month in four years. The 13 days from the 10th to the 22d, inclusive, had an average daily mean of -3°.31. The lowest daily mean was -17°.75 on the 10th, and the strong wind of that day made it probably the severest day for man and beast, since January 1, 1864. Each month of this winter had a lower temperature than the corresponding month in either of the three preceding winters. The mean temperature of the three winter months, was 13°.33. Up to November 23, the weather was unusually mild, but on that day the thermometer went down to 8°, with the wind blowing with a force of 4, and the frozen ground of that day is yet frozen on the 3d of March. There has been but five days since the 23d of November on which the thermometer has been above 32° during the entire day, viz: December, 5, 6, 29, 30 and 31. The prevailing wind was northwest, and its maximum force 4. The wind was north 6 times, northeast 9, east 5, southeast 4, south 8, southwest 16, west 12, northwest 21, and calm 3 times. There were 13 clear, 5 fair

and 10 cloudy days. Parhelia February 10, 11, 16 and 19. Lunar halo on the 23d. The total precipitation of the month was 1.55 inches. The total snow-fall was 15.5 inches, snow falling on 6 days.

*DOUGLAS COUNTY—A. C. WILLIAMS, Observer, Hugo. Highest thermometer, 52° on the 28th; lowest, -16° on the 20th; mean, 20°.48. Rain or snow fell on 3 days, the precipitation being 0.21 of an inch. The snow-fall for the last 9 days of the month was 2.50 inches. The prevailing winds were west and southwest, and the greatest velocity of the wind was 2. Winds, followed by rain, west; by clear or fair weather, southwest. A mocking-bird was singing on the 24th, and turkeys mating on the 28th.

*Record begins February 20.

HAMILTON COUNTY—WM. P. GIBBS, Observer, McLeansboro. Highest thermometer, 68° ; lowest, -9° ; range, 77°; highest daily mean, 54°; lowest daily mean -5°. The mean for the month, 25°, is 10° below the mean of February, 1883 and 1884. The prevailing wind of the month was northwest ; maximum velocity, 4. Rain or snow fell on 8 days, the precipitation being 1.10 inches. Eight and a half inches of snow fell during the month. We have had sleet, hail, snow and rain during the month. Thunder storms on the 8th and 9th. Solar halos on the 4th, 16th, 18th and 21st. The month has been one of unusual severity. The thermometer fell below 0° 12 times. The ground and ice are frozen a foot deep. There were 7 clear, 10 fair and 11 cloudy days. The 28th was the warmest day of the month, but showed no appearance of spring. I think the fruit crop is much damaged. Peaches are all killed, and wheat appears to be half out of the ground and dead.

HANCOCK COUNTY—Fred. Z. Goseurseh, Sergeant Signal Corps, U. S. A., Keokuk, Ia. Highest barometer, 30.551 on the 23d; lowest, 29.608 on the 3d; mean, 30.075 ; range, .943. Highest temperature, 46°.30 on the 27th ; lowest, -14°.50 on the 10th ; range, 60.°80. The mean temperature, 16°.40, is the lowest February mean for a term of 14 years, and is 20°.30 below the average for that length of time. The relative humidity of the month was 78.40 per cent. The prevailing direction of the wind was northwest and its total movement, 5594 miles. Maximum velocity of the wind, 4. Snow fell on 12 days, and the precipitation , in melted snow, was 1.14 inches. This is 0.57 of an inch below the average precipitation of the past 14 Februarys There were 13 clear, 11 fair and 4 cloudy days during the month. Solar halos on the 10th and 15th ; lunar halos on the 28th. Frost February 3, 22, 27 and 28.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.450; lowest, 29.390; mean, 29.980. Highest thermometer, 42° on the 27th and 28th; lowest, —2°.70 on the 11th. The mean temperature of the month, 9°.59, is 14°.01 below the mean of 6 Februarys past, and the mean temperature of the winter of 1884-5, 15°.01, is 6°.51 below the mean of the last 6 winters. Rain or snow fell on 9 days, the precipitation being 2 09 inches. The total snow-fall of the month was 20.90 inches, of which 8 inches remained on the ground at the close of the month. The wind was north 10 times, northeast 10, east 3, southeast 13, south 5, southwest 11, west 22 and northwest 10. Highest velocity of the wind, 4. Frost on the 3d and 27th. Solar halos February 10, 16 and 19. Lunar halo on the 23d. Quite smokey at 7 A. M. on the 23d. Ice on pond 24 inches thick. Heavy fog on the morning of the 27th.

KNOX COUNTY — T. A. WETMORE, Observer, Oneida. Highest temperature 34° on the 28th; lowest -21° on the 11th; range .55.

LEE COUNTY—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.280 on the 22d; lowest, 29.500 on the 3d; mean, 29.770; range, .980 Highest temperature, 42° on the 28th; lowest, -22° on the 13th; range, 64°. The mean temperature, 10°.23, is 1°.50 lower than the January mean. Relative humidity of the month, 74 per cent. Rain or snow fell on 7 days, the precipitation being 1.60 inches. The total snow-fall of the month was 14.50 inches, of which 8 inches remained on the ground at the close of the month. The prevailing wind was west, and its greatest force, 3. White frost on the 3d. Solar halos February 13, 16, 19, 20, 21 and 27.

MACOUPIN COUNTY—F. C. ZIMMERMAN, Observer, Bunker Hill. Highest temperature 60° on the 28th; lowest, -13° on the 10th mean, 20°.34. Rain or snow fell on 5 days, the total precipitation being 0.87 inches. The snow-fall of the month was 7.24 inches, only a trace of which remained on the ground at close of the month. Thunder-storm on the 8th.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest thermometer, 63° on the 28th; lowest, -11° on the 10th; mean, 22° 80. This has been the coldest February since 1838. Rain or snow fell on 5 days, the precipitation being 0.76 inches.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest thermometer, 64°; lowest-14°; mean, 21°. No rain fell during the month. Snow fell on 3 days, to the depth of 8.50 inches. The precipitation—melted snow—was 0.85 inches. Thunder storm on the 6th. Frost every day in the month. The prevailing wind of the month was northwest; the maximum force 3. This has been the coldest February for many years. The coldest day was the 20th, when the thermometer stood at -14° at 7 A. M., and -6° at 9 P. M., the mean temperature of the day being -3°.

MCHENRY COUNTY—JOHN W. JAMES, Observer, Marengo. Highest temperature during the month, 40° on the 28th; lowest, -23°.70 on the 11th ; range 63°.70 ; mean, 7°.70. The mean temperature of February, 1885, has been 14°.90 below the mean of 24 Februarys past; only February, 1875, was colder. But for the mild temperature of the last 5 days this month would have been the coldest of all. The thermometer was below zero 14 times at 7 A. M., 6 at 1 P M. and 11 at 9 P. M.; 31 times in all. In the famous February of 1875, it was below zero 32 times. Rain or snow fell on 7 days, the precipitation being 1.92 inches. The total snow-fall of the month was 19.75 inches, of which 15 inches remained on the ground at the close of the month, in the timber, but only 6 inches on the prairie. The amount of rain and melted snow was -0.27 of an inch more than the mean amount of 22 Februarys past. The prevailing wind of the month was northwest. The winds for the month were west 4 times, northeast 11, east 2, southeast 2, south 12, southwest 16, west 16, northwest 18 and calm three times. The greatest velocity of the wind was 4. There were 13 clear, 9 fair and 6 cloudy days in February. Solar halos on the 11th and 28th; lunar halo on the 23d. Brilliant parhelia were seen on

the morning of the 16th. The mean temperature of the winter of 1884-5, was 12°, or 9°.20 lower than the mean of 22 winters past. Only the winter of 1874-5 was colder, and it was but -0°.70 colder than this one. The precipitation for the season was 7.52 inches—2.11 inches more than the mean of 21 winters past. Only the winters of 1874, 1876, 1881 and 1883, had a greater amount. Total depth of snow during this winter, 45 75 inches.

PEORIA COUNTY—FRED. BRENDEL, Observer, Peoria. Highest barometer 30.167 on the 22d; lowest, 29.134 on the 4th; mean, 29.627. Highest thermometer, 49° on the 28th; lowest, -22° on the 13th; mean, 15°,90. The relative humidity of the month was 79 per cent. The total precipitation (rain or melted snow) was 0.87 inches, rain or snow falling on 8 days. Eleven inches of snow fell during the month. The prevailing wind was west, and its velocity 5.

PERRY COUNTY—J. C. ELLIOTT, Observer, Swanwick. The highest temperature, 67° on the 28th; lowest, -10° on the 20th; range, 77°. The mean temperature, 22°.20, is 14°.40 below the February mean of the past three years. February 10 was the coldest day of the winter, its mean temperature being 3°. The prevailing wind of the month was northwest, and its maximum force 4. Rain or snow fell on 5 days, the precipitation being 0.66 of an inch. Five and a half inches of snow fell in February. Thunder storm at 5 A. M., on the 9th. Solar halo on the 14th. Winds followed by rain, south, southeast and east; by clear or fair weather, southwest and northwest.

PIKE COUNTY—A. MONROE, Observer, Griggsville. Highest barometer during the month, 30.670; lowest, 29.700; mean, 30.540. Highest thermometer, 46° on the 3d and 28th; lowest, -20° on the 20th; mean, 15°.50. Rain or snow fell on 6 days, the total precipitation being 1.11 inches. The total snow-fall of the month was 12 inches. Thunder-storm on the 8th. Parhelia on the 9th and 10th. The prevailing wind of February was northeast. The wind was from the north at 6 observations, northeast at 15, east at 2, south at 5, southwest at 14, west at 15 and northwest at 15 observations.

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 64°, lowest, -5°; mean, 28°.08. Prevailing wind, northwest. Greatest velocity, 5. Rain or snow fell on 5 days, the total precipitation being 1.48 inches. Total snow-fall, 2½ inches. Thunder-storms on the 8th and 9th. Winds, followed by rain, east and southeast; by clear or fair weather, west, northwest and west. This has been the coldest February since observations commenced here, in 1879. The mean temperature, 28°.08, was 10°.21 lower than the mean for the past six years. Ground frozen from 10 to 14 inches where unprotected. Boats on the Ohio river were stopped by floating ice, February 16.

SANGAMON COUNTY—JNO. CRAIG, Sergeant Signal Service Corps, U. S. A., Springfield. Highest barometer, 30.573 on the 23d; lowest, 29.590 on the 7th; mean, 30.086. Range of barometer during month, .983 inches. Highest thermometer, 54°.80 on the 28th; lowest, -11°.20 on the 10th; mean, 21°. Range of temperature, 66°. Greatest daily range, 30°.70 on the 2d; least daily range, 6°.50 on the 4th; mean daily range, 19°.60. The mean temperature of the month, 21°, is the lowest February mean for a term of 6 years, and is 10°.88 below the average for that period. Relative humidity of the month, 67.7 per cent. Rain or snow fell on 8 days, the precipitation being 0.94 inches, which is 4.89 inches below the mean of 6 Februarys past. February, 1880, was the lowest, 2.89 inches. The total snow-fall was 11.30. The prevailing wind during February was west. The highest velocity of the wind, 4. Total movement during the month, 5,562 miles. Frost February 11, 13, 14, 20, 21, 22, 23, 27 and 28. There were 10 clear, 14 fair and 4 cloudy days during the month.

ST. CLAIR COUNTY—G. A. WEBER, Corporal, Signal Corps, U. S. A., St. Louis, Mo. Highest barometer during February, 30.568 on the 23d; lowest, 29.548 on the 7th; mean, 30.088; range, 1.020. Highest thermometer, 68°.40 on the 3d; lowest, -5°.50 on the 10th; range, 73°.90. The mean temperature, 27°, is the lowest February mean since 1871, with the exception of 1875, when it was 26°, but 1° lower than this year. The greatest daily range of temperature was 36°.50; the least daily range, 10°.30; mean daily range, 21°.40. Relative humidity of the month, 72°.60. The prevailing wind was west, and its total movement 6,338 miles. Highest velocity of the wind, 4. Rain or snow fell on 7 days, the precipitation being 0.87 of an inch, which is 3.04 inches below the average of 15 Februarys past, and is the least precipitation of any February during that time. There were 10 clear, 12 fair and 6 cloudy days in the month.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest temperature during the month, 56°; lowest, -12°; range, 68°; 8.50 inches of snow fell on three days in February.

UNION COUNTY—JOHN D. NEWBEGEN, Observer, Anna. Highest barometer during the month, 30.520; lowest, 29.600; mean, 30.120. Highest temperature, 69°; lowest, -6°. Highest daily mean temperature, 58°.50; lowest daily mean, -1°.50. The mean temperature of the month, 28°.00, is 11°.20 below the February average of the ten previous years, and the precipitation, 1.22 inches, is 3.01 inches less than the average for the same period. Rain or snow fell on 3 days. The total snow-fall of the month was 8.15 inches. The prevailing wind was northwest, and its maximum force 4. Thunder-storms on the 8th and 9th. Very brilliant parhelian on the 21st. Winds, followed by rain, southeast, southwest and northwest; by clear or fair weather, northwest.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest thermometer, 68° on the 28th; lowest -6° on the 20th; range 74°; mean, 25°.64. The precipitation of the month was 1.37 inches; the snowfall was 5.62 inches. The prevailing wind of the month was northwest.

WILL COUNTY—H. N. RENFREW, Observer, Wilton Center. Highest barometer, 30.700; lowest, 29.600; mean, 30.170; range, 1,100. Highest thermometer, 46°; lowest, -32°; mean, 10°.60; range, 78°. The prevailing wind of the month was west, and its maximum force, 4. Rain or snow fell on 5 days, the precipitation being 2.76 inches. Thirteen inches of snow fell in February. Thunder-storm on the 8th. Sharp lightning occurred from 8.30 to 10 P. M., with heavy snow. Heavy snow-storm on the 9th—the heaviest storm since 1866. On the 10th the wind blew a perfect gale, and the snow drifted badly. Solar halos on the 10th and 11th.

* WILLIAMSON COUNTY—W. S. Washburn, Observer, Marion. Highest temperature during the ten last days of February, 72° on the 28th; lowest, -8° on the 20th; mean, 27° 87. Range for the month, 80°; greatest daily range, 32° on the 28th; least daily range, 10° on the 24th. Snow fell on 1 day, amounting to three inches, or 0.45 of an inch of melted snow. There were 3 clear, 5 fair and 2 cloudy days.

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* Record begins February 19.

WEATHER REVIEW

Illinois Department of Agriculture,

MONTH OF MARCH, 1885.

The summary of meteorological observations contained in this review has been compiled from the weather reports received from the Signal service and voluntary observers reporting to the Illinois Department of Agriculture.

In comparison with the corresponding month in the former years represented in this report the month of March, 1885, was a remarkable exception in point of low temperature and light precipitation.

TEMPERATURE.

The mean tenperature for March, 1885, at all the stations from which reports have been received, for one or more years, is lower than for any preceding March represented in the tables.

The lowest mean temperature for the month of March noted in this report is 25°.0 at Marengo, McHenry County; the highest, 43°.0 at Cairo, Alexander County. The monthly mean temperature for the stations in the three divisions of the State during the month was as follows: Northern Division, 30°.18; Central Division, 36°.19; Southern Division 39°.44. The mean temperature of the State for March was 35°.15. The lowest daily mean temperature in March was 5°.0, on the 16th, at Marengo, McHenry County. The highest daily mean was 64°, on the 31st, at Golconda, Pope County. The mean temperature the past month, was below the normal for March at the following stations, as noted: Marengo, McHenry Co., 5°.30; Chicago, 4°.38; Aurora, Kane Co., 2°.18; Sycamore, DeKalb Co., 3°.41; Keokuk, opposite Hancock Co., 2.°98; Peoria, 3°.87; Springfield, 2°.82; Mattoon, 3°.08; Pana, 2°.65; Crawford Co., Palestine, 2°38; Collinsville, Madison Co., 5°.20; McLeansboro, Hamilton Co., 2°81; Swanwick, Perry Co., 5°.40; Anna, Union Co., 5°.68; Golconda, Pope Co., 2°.56; Cairo, Alexander Co., 4°42. It will be seen that the greatest departures from the March mean temperature are reported at stations in the Southern Division. The temperature was highest in the Northern, Central and Southern Divisions of the State on the 31st. The temperature was the lowest at most of the stations in the Northern Division of the State on the 17th, and on the 22d in the Central and Southern Divisions of the State.

The daily mean temperature for each day of the month at the several stations is given elsewhere in this report.

The temperature of the State ranged from 35°.0 on March 1st to 42°.0 on the third. It was cooler on the 4th and 5th, (37°.0), 6th, (35°.0), 7th, (28°.0), and 8th, (2°7.0). The higher temperature on the 9th, (40.°0), was followed by the fall of the mercury to 36°.0 on the 10th and a warmer period on the 11th, (43°). There were no marked changes in temperature the next three days. The record was as follows: 12th, 40°.0; 13th, 39°.0; 14th, 44°.0. On the 15th of March the mercury was down to 31°.0, followed by a further fall to 21°.0 on the 16th and 19°.0 on the 17th. The temperature was some warmer on the three succeeding days, 29°.0 on the 18th, 25°.0 on the 19th, 20°.0 on the 20th and 18°.0 on the 21st, which is the lowest daily mean for the month. Then followed a warmer period, the mercury standing as follows: 20°.0 on the 22d, 23°.0 on the 23d, 36°.0 on the 24th and 25th, and 46°.0 and 45°.0 on the 26th and 27th. It was much

cooler on the 28th, (36°.0), and 29th, (38°.0), and then followed the warmest weather during the month, the daily mean for the State, being 47°.0 on the 30th and 54°.0 on the 31st.

The mean temperature of the State for March during the past five years has been as follows: 1881, 31°.07; 1882, 43°.47; 1883, 36°.14; 1884, 38°.23; 1885, 35°.15.

The highest temperature noted in March for a term of years is as follows: 1881, 78°.0. 1882, 80°.0; 1883, 75°.0; 1884, 76°.0; 1885, 80°.0; and the lowest temperature for the same month has been as follows: 1881, 2°.0; 1882, 8°.0; 1883, 3°.0; 1884, -10°.0; 1885, -4°.0.

PRECIPITATION.

The average monthly rainfall of the State for the month of March has been as follows for the years noted: 1878, 2.69 inches; 1879, 2.26; 1880, 2.78; 1881, 3.89; 1882, 4.47; 1883, 1.63; 1884, 2.81, 1885, 0.51.

There have been no general rains throughout the State during the month of March, and only slight local rains, as follows: On the 6th, 7th and 14th, in the Northern Division of the State; on the 12th, 17th, 21st and 28th, in the Southern Division of the State, and on the 29th in the Central and Southern Divisions.

There was no precipitation in any portion of the State on March 2, 3, 4, 9, 11, 13, 18, 23, 25 and 31, and hardly enough rain to be worthy of mention on March 1, 5, 8, 10, 14, 16, 19, 20, 22, 24, 26 and 27. The precipitation in March was greatest at Marion, Williamson county, of any of the stations reporting, viz: 1.95 inches. The least precipitation reported was .03 of an inch at Greenville, in Bond county. The precipitation in March exceeded one inch only at the following stations, all of which are located in the southern portion of the State: Marion, Williamson county, 1.95 inches; Anna, Union county, 1.43 inches; Golconda, Pope county, 1.01 inches, and Cairo, Alexander county, 1.08 inches.

The precipitation of March is much below the average rainfall for this month at all the stations from which reports have been received for a term of years. At Marengo, McHenry county, the precipitation in March was 2.34 inches less than average March precipitation during the past 24 years; 2.23 inches less than the March average for 14 years at Chicago; 2.03 inches less at Davenport; 2.05 inches less at Keokuk; 2.66 inches less at Springfield, Sangamon county; 2.62 inches less at Mattoon, Coles county; 3.29 inches less at Collinsville, Madison county; 2.46 inches less at St. Louis; 2.57 inches less at Mascoutah, St. Clair county; 2.40 inches less at Swanwick, Perry county; 2.67 inches less at Anna, Union county, and 2.89 inches less at Cairo, Alexander county; only the counties reporting a decrease of two or more inches below the average March precipitation are named above.

TABLES.

The meteorological tables and remarks of weather observers published elsewhere in this report present many interesting details concerning the temperature, rain-fall etc., during the month of March, 1885, at the several stations reporting.

METEOROLOGY.

The science of meteorology is deservedly receiving more attention each succeeding year, especially at the hands of the more intelligent farmers who realize the great practical value of information of this character to all engaged in agricultural pursuits.

NEW OBSERVERS.

The department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, that are interested in meteorology. The attention of all interested in having the metcorological history of each county in the State preserved in the Monthly Weather Review of the department is invited to the importance of this work. and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

CHARLES F. MILLS,
Secretary.

Table of Comparison for March 1881, 1882, 1883, 1884 and 1885.

	1881.	1882.	1883.	1884.	1885.
Highest barometer	30.350 inches	30.610 inches	30.753 inches	30.670 inches	30.600 inches.
Lowest "	28 450 "	28.840 "	29 970 "	28.710 "	29.217 "
Mean "	29.610 "	29.851 "	29.949 "	29.915 "	30.141 "
Range of "	1.900 "	1.770 "	1.780 "	1.960 "	1.383 "
Mean relative humidity	74.55 per cent.	71.23 per cent.	68.90 per cent.	71.00 per cent	68.03 per cent.
Highest temperature	78°	80°	75°	76°	80°.
Lowest "	2°	8°	3°	-10°	-4°.
Mean "	35°.01	43°.47	36°.14	38.°23	35°.15.
Range of "	76°	72°	72°	86°	84°.
Greatest daily range of temp	22°	37°		45°	35°.
Least " "	0°	2°		0°	1°.
Mean " "	10°.91	13°.74		15°.10	16°.01.
Average number of clear days	5.	8.		7.	8.
Average number of fair days	10.	12.		11.	17.
Average number of cloudy days	13	11.		13.	6.
Number of days on which rain fell.	11.	10.	8.	11.	5.
Greatest rainfall	6.48 inches, at Marengo	7.50 in. at Grayville.	3.66 in. at Centralia and Greenville.	5.60 in. at Maseoutah	1.95 in. at Marion
Least rainfall	0.70 inches, at Elgin	2.03 in. at Up'r Alton.	0.32 in. at Polo	1.35 in. at Rock Island	0.03 in. at Greenville.
Mean rainfall	3.48	4.46 inches.	1.68 inches.	3.17 inches.	0.51 inches
Average daily rainfall	.112	0.144 "	0.054 inches.	0.102 inches.	0.016 "
Average snowfall				4.88 inches	2.88 "
Prevailing direction of wind	N. W	N W	N. W.	N. E.	N. W.

STATE SUMMARY FOR MARCH, 1885.

Highest barometer, 30.600 inches, at Griggsville. Lowest barometer, 29.217 inches, at Peoria. Mean barometer, 30.141 inches. Range of barometer, 1.383 inches. Mean relative humidity, 68.03 per cent. Highest temperature, 80°.00 at Maseoutah. Lowest temperature, —4°.30 at Marengo. Mean temperature, 35°.15. Greatest daily range of temperature, 35°.00 at Goleonda. Least daily range of temperature, 1°.00 at Greenville, Fairfield and Swanwick. Mean daily range of temperature, 16°.01. Average number of clear days, 8. Average number of fair days, 18. Average number of cloudy days, 6. Average number of days on which rain fell, 5. Greatest number of days on which rain fell, 10, at Springfield. Least number of days on which rain fell, 1, at Oquawka and Hugo. Mean rainfall, 0.51 inches. Average daily rainfall, .016 inches. Greatest rainfall, 1.95 inches at Marion. Least rainfall, .03 inches, at Greenville. Average depth snowfall, 2.88 inches. Prevailing direction of wind, N. W.

Summary for March, 1885.

STATIONS.	Highest Barometer....	Date	Lowest Barometer ...	Date	Mean Barometer.....	Range of Barometer...	Mean Relative Humidity.....	Highest Temperature	Date	Lowest Temperature ..	Date	Mean Temperature ....
NORTHERN DIVISION.												
County. *Post Office.*												
McHenry..Marengo....	.....	..	.....		.....	.....	....	55.80	31st	-4.30	17th	24.80
Cook....Chicago	30.066	10th	29.485	34th	30.066	0.933	75.20	57.90	26th	4.40	20th	30.00
Kane.....Aurora.....	30.550	8th	29.560	3d	29.940	0.990	70.00	58.00	31st	-1.00	17th	28.16
DeKalb. . Sycamore...	....	.....	.....	.....	.....	.....	.....	54.00	31st	-1.00	17-20	25.66
Lee . .....Prairieville .	30.180	10th	29.450	14th	29.904	0.730	74.22	62.00	31st	-4.00	17th	30.90
Rock Is'd.Davenp't, (Ia)	30.436	17th	29.630	14th	30.101	0.806	68.20	59.70	31st	-7.60	17th	34.30
Will..... Wilton Centre	30.440	.. ..	29.520	.....	30.090	0.920	. . ..	64.00	31st	-4.00	20th	26.70
Knox.....Oneida.....	.....	.....	.....	.....	.....	.....	.....	62.00	31st	4.00	17th	31.01
Hendrson.Oquawka...	.....	.....	.....	.....	.....	.....	.....	60.00	31st	12.00	20th	36.13
Peoria.... Peoria	30.011	24th	29.217	14th	29.696	0.794	65.00	64.50	31st	10,60	21st	34.13
Sums.....	.....	.....	.....	.....	179.797	.....	352.62	....	.....	.....	....	301.79
Means.....	.....	....	.....	.....	29.966	.....	70.52	.....	....	.....	.....	30.18
CENTRAL DIVISION.												
Hancock ..Keokuk, (Ia)	30.449	17th	29.704	14th	30.110	0.745	69.90	60.40	31st	8.60	17th	34.70
Sangamon Springfield..	30.456	23d	29.642	14th	30.098	0.814	61.10	65.50	31st	12.00	22d	36.80
Douglas...Hugo.....	.....	.....	.....	.....	.....	.....	.....	66.00	...	8.00	.....	32.63
Pike.....Griggsville..	30.600	....	29 850	.....	30.240	0.750	.....	66.00	.....	8.00	.....	33.00
Coles .....Mattoon. ...	.....	.....	.....	.....	.....	.....	.....	70.00	.....	8.00	... .	34.50
Christian..Pana..... ...	.....	.....	.....	.....	.....	.....	.....	66.00	.....	9.00	.....	34.77
M'ntg'm'y.Litchfield..	.....	....	.....	.....	.....	.....	... .	62.00	14th	12.00	22d	36 30
Macoupin Bunker Hill.	.....	.....	...	.....	.....	... ..	.....	75.00	.. .	11.00	.....	36.60
Sums.....	. .	....	.....	.....	90.448	.....	131.00	.....	.....	.....	...	279.30
Means	.....	.....	.....	.....	30.149	.....	65.50	.....	.....	.....	....	34.90
SOUTHERN DIVISION.												
Crawford..Palestine ...	.....	.....	.....	.....	.....	.....	.....	74.00	31st	15.00	20th	37.53
Bond.....Greenville ..	.....	.....	.....	.....	.....	.....	.....	74.00	31st	10.00	22d	37 91
Madison ..Collinsville..	.....	.....	.....	.....	.....	.....	.....	74.50	31st	12.00	22d	38.30
Marion....Centralia....	.....	.....	.....	.....	.....	.....	.....	74.00	31st	13.00	22d	36.80
St.Clair..St.Louis, (Mo.)	30.495	23d	29.735	14th	30.128	0.760	64.20	74.00	31st	13.10	22d	41.10
St. Clair ..Mascoutah..	.....	.....	.....	.....	.....	.....	.....	80.00	31st	15.00	22d	.....
Wayne....Fairfield	.....	. ...	.....	.....	.....	.....	.....	78.00	31st	8.00	23d	40.40
Hamilton..McL'nsboro.	.....	.....	.....	.....	.....	.....	.....	76.00	31st	9.00	22d	37.90
Perry.. . Swanwick...	.....	.....	.....	.....	.....	.....	.....	77.00	31st	12.00	22d	38.20
Willi'm'sn. Marion.....	.....	.....	.....	.....	.....	.....	.....	76.00	31st	10.00	22d	40.46
Union.....Anna.....	30.560	25th	29.880	14th	30.190	0.680	.....	79.00	27th	13.00	22d	40.66
Pope .....Golconda ..	.....	.....	.....	.....	.....	.....	.....	78.00	31st	17.00	22d	41.47
Alexander Cairo.....	30.530	23d	29.759	14th	30.127	0.771	64 50	75.10	31st	16.50	22d	40.60
Sums	.....	... .	.....	.....	90.445	... ..	128.70	.....	... .	.....	..	473.33
Means.....	.....	. .	.....	.....	30.148	.....	64.35	.....	.....	.....	. ...	39 44
State Average.....	.....	.....	.....	.....	30.141	.....	68.03	.....	.....	.....	.....	35.15

Summary for March, 1885.—Continued.

STATIONS.	Range of Temperature	Greatest Daily Range of Temperature.....	Date	Least Daily Range of Temperature.....	Date	Mean Daily Range of Temperature.	Number of Clear Days.	Number of Fair Days..	Number of Cloudy D'ys	Days on which rain fell.	Total Rainfall for Month.....	Average Daily Rainfall.....	Direction of Wind.....	Snowfall in inches during Month.....
NORTHERN DIVISION.														
County. *Post Office.*														
McHenry....Marengo	60.10	24.80	8th	3.50	15th	15.38	9	18	4	5	.29	.009	NW	2.00
Cook .....Chicago	53.50	29.00	10th	7.40	3d	15 22	6	17	8	8	.57	.018	SW	3.60
Kane.....Aurora..	59,00	27.00	28th	3 00	18th	16.00	9	21	1	6	.38	.012	W	2.20
DeKalb.....Sycamore ...	55.00	30.00	8th	3.60	15th	13.19	8	14	9	5	.55	.018	NW	3.50
Lee..... Prairieville..	66.00	25.00	17-31	2 00	6th	13.10	12	7	12	4	.21	.007	W	2.75
Rock Island.D'v'np't,(Ia.)	52.10	24 30	23d	7.00	3d	16.01	7	17	7	4	.17	.005	NW	.. ..
Will. .....Wilton Cent.	68.00	32.00	22d	8.00	1st	20 35	7	22	2	3	.63	.020	SW	2.00
Knox. .....Oneida.....	58.00	25.00	23d	4.00	1st	14 87	5	19	7	3	.43	.014	SW	2.00
Henderson..Oquawka	48.0	24.00	23d	4.00	12th	13.29	..	....	..	1	....		.....	.25
Peoria .....Peoria.	54.70	.....	....	.....	...	.....	..	...	..	3	.24	.008	W	. ....
Sums.....	574 20	.....	.....	.....	.....	137.41	63	135	50	42	3.47	.111	.....	18.30
Means.....	57.42	..	.....	.....	.....	15.27	8	17	6	4	.38	.012	.....	2.61
CENTRAL DIVISION.														
Hancock.....Keokuk (Ia).	51.80	27.80	25th	5.50	7th	16.67	10	19	2	9	.17	.005	NW	.....
Sangamon..Springfield ..	53.50	28.50	9th	5.80	7th	16.70	7	19	5	10	.17	.005	NW	1.90
Douglas.....Hugo. ..	58.00	24.00	11th	4.00	1st	14.42	6	22	3	1	.15	.005	SW	1.50
Pike ... ...Griggsville ..	58.00	30.00	9th	3.00	16th	14.26	5	24	2	3	.42	.013	NW	2.50
Coles.....Mattoon.	62.00	.....	.....	.....	.....	.....	12		19	7	.58	.019	W	1.75
Christian....Pana. ..	57.00	27 00	11th	2.00	7th	13.77	3	20	8	3	.18	.005	NW	3.00
Montg'mery.Litchfield....	50 00	.....	.....	.....	.....	.....	..	....	..	2	.16	.005	SW	1.25
Maconpin...Bunker Hill..	64 00	.....	.....	.....	.. ...	.....	..	.. .	..	4	.42	.013	.....	3.40
Sums.....	454.30	.....	.....	.....	.....	75.82	43	104	39	39	2.25	.070	.....	15.30
Means.....	56.79	.....	.....	.....	.....	15.16	7	21	7	5	.28	.009	.....	2.18
SOUTHERN DIVISION.														
Crawford...Palestine. ...	59.00	26 00	31st	4.00	1st	13.23	9	17	5	5	.46	.015	W	1.50
Bond.... ...Greenville...	64.00	34.00	9th	1.00	6th	17.42	..	....	..	2	.03	.001	W	.....
Madison ....Collinsville ..	62.00	34.00	9th	8.00	7th	18.88	..	..	..	5	.45	.014	.....	.....
Marion.....Centralia ...	61.00	28.00	3-11	6.00	8th	17.74	7	13	11	2	.32	.010	NE	.....
St. Clair....St.Louis (Mo).	60.90	31.40	9th	6.50	7th	17.80	13	13	5	5	.40	.013	N	..
St. Clair ....Mascoutah ..	65.00	....	....	.....	..	.....	..	.	..	5	.44	.014	.....	4.40
Wayne .....Fairfield... .	70 00	34.00	11th	1.00	28th	14.45	9	8	14	7	.35	.011	.....	3.50
Hamilton ..M'Leansboro.	67.00	31.00	9th	2.00	21st	17.68	8	17	6	4	.89	.029	NW	5.50
Perry. ..... Swanwick. ..	65.00	30.00	31st	1.00	21st	14.33	..	....	..	5	.92	.030	NW	3.00
Williamson..Marion.....	66.00	35.00	31st	7.00	21st	22.42	4	24	3	4	1.95	.063	SW	.....
Union.....Anna	66.00	....	.....	..	.....	...	..	....	..	4	1.43	.046	NW	7.05
Pope.....Golconda ...	61.00	35.00	11th	2 00	13th	16.52	6	22	3	6	1.01	.032	NW	6.50
Alexander..Cairo	58.60	29.40	31st	5.00	8th	16.48	9	18	4	7	1.08	.035	S	1.34
Sums.....	825.50	.....	.....	.....	. ....	186.95	65	132	51	61	9.75	.313	.....	32.79
Means.....	63.50	.... .	.....	.....	.....	16.99	8	17	6	5	.75	.024	.....	4.10
State Average.....	59.81	.....	.....	.....	.....	16.01	8	18	6	5	.51	.016	.....	2.88

Summary of Meteorological Observations for the Month of March, 1885, made to the Department of Agriculture, April 1, 1885. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.

STATIONS.	Elevation above sea level	BAROMETER. Highest barometer during month	BAROMETER. Lowest	BAROMETER. Mean	THERMOMETER. Highest temperature	THERMOMETER. Lowest	THERMOMETER. Mean	HUMIDITY. Mean	*WIND. Prevailing	*WIND. Maximum velocity or force	RAIN. Total rainfall or melted snow	RAIN. No. of days on which 0.01 or more rain or melted snow fell	No. of days on which cloudiness averaged 8 or more on a scale of ten	Depth of snow, in inches, on ground at close of month	Total snowfall, in inches, during the month
	Feet.	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inches	No.	No.	Inches	Inches
NORTHERN DIVISION.															
County. *Post Office.*															
McHenry.....Marengo.....	925				55.80	-4 30	24.80		N W.	5	.29	5	4		2.00
Cook.....Chicago.....	661	30.418	29.485	30.066	57 90	4.40	30.00	75.20	S W.	4	.57	8			3.60
Kane.....Aurora.....	676	30.550	29.560	29.940	58.00	-1.00	28.16	70.00	N W.	5	.38	6	5		2.20
De Kalb.....Sycamore.....	800				54.00	-1.00	25.66		N W.	4	.55	9			3.50
Lee.....Prairieville.....	725	30 180	29.450	29.904	62.00	-4.00	30.90	74.22	W.	5	.21	4	12		2.75
Rock Island....Davenport, (Ia.)		30.436	29 630	30.101	59.70	7.60	34.30	68.20	N. W.	5	.17	4			
Will.....Wilton Centre..	600	30.440	29 520	30.090	64.00	-4.00	26.70		S W.	4	.63	3	11		2.00
Knox.....Oneida.....					62.00	4.00	31.01		S W.		.43	3	12		2.00
Henderson.....Oquawka..					60.00	12.00	36.13					1			.25
Peoria.....Peoria.....	475	30.016	29.217	29.696	64.50	10.00	34.13	65.00	W.	5	.24	3	5		
Sums.....				179 797	597.90	34.2	301.79	352.62		37	3 47	46	49		18.30
Means.....				29.966	59.9	5.4	30.18	70.52	N. W.	5	.38	5	8		2.61
CENTRAL DIVISION.															
Hancock.....Keokuk, (Ia.)...		30.449	29.704	30.110	60.40	8.60	34.70	69.90	N W.	4	.17	4			
Sangamon.....Springfield.....	644	30.456	29.642	30.098	65.50	12.00	36.80	61.10	N W.	4	.17	5			1.90

Douglas	Hugo					66.00	8.00	32.63		S W.	6	.15	1			1.50
Pike	Griggsville	625	30.600	29.850	30.240	66.00	8.00	33.00		N W.	4	.42	4	2		2.50
Coles	Mattoon	728				70.00	8.00	34.50		N W.		.58	4			1.75
Christian	Pana	760				66.00	9.00	35.00		N W.	10	.18	2	17		3.00
Montgomery	Litchfield.					62.00	12.00	36.30		S W.		.16	2			1.25
Macoupin	Bunker Hill	700				75.00	11.00	36.60			3	.42	4			3.40
Sums					90.448			279.53	131.00		31	2.25	26	19		15.30
Means					30.149			36.19	65 50		5	.28	3	9		2.18
SOUTHERN DIVISION.																
Crawford	Palestine					74.00	15.00	37.53		W.	4	.46	5	6		1.50
Bond	Greenville					68.00	10.00	37.91		W.		.03	2			
Madison	Collinsville					74.50	12.00	38.30				.45	5			
Marion	Centralia.	492				74.00	13 00	36.80		N E.	4	.32	2	15		
St. Clair	St Louis, (Mo.)		30.495	29.735	30.128	74.00	13.00	41.10	64.20	N.	6	.42	5			
St. Clair	Mascoutah					80 00	15.00					.44	4			4 40
Wayne	Fairfield.					78.00	8.00	40.40				.35		14		
Hamilton	McLeansboro					76.00	9 00	37.90		N W.	5	.89	4	6		5.50
Perry	Swanwick					77.00	12.00	38.20		N W.	4	.92	5	3		3.00
Williamson	Marion					76.00	10.00	40.46		S W.		1.95	4			
Union	Anna.	630	30.560	29.880	30.190	79.00	13.00	40 66		N W.	4	1.43	8	4		7.05
Pope	Goleonda.					78.00	17.00	41.47		N W.	5	1.01	6	5		6.50
Alexander	Cairo	377	30.530	29.759	30.127	75.10	16 50	42.60	64.50	S.	5	1.08	7			1.34
Sums					90.445			473.33	128.70		37	9.75	57	53		32.79
Means					30 148			39.44	64 35		5	.75	5	7		4.10
State Average					30.141			35.15	68.03		5	.51	4	8		2.88

Distribution and Amount of Precipitation for March, 1885, Reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.																														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN DIVISION.																															
County. *Post Office.*																															
McHenry..... Marengo...	...	..	..	..	...	...	.15	...	...	...	...	....	...	.11	...	.03	....	...	...	...	....	...	...	...	...	...	...	...	...	...	...	.29
Cook..... Chicago..	...	.	..	..	...	.17	.03	...	...	...	...	....	...	.02	...	.17	....	...	.01	.03	....	...	...	.02	...	..	...	....	...	.12	...	.57
Kane..... Aurora	...	..	..	..	...	.08	.03	...	...	...	. .	....	...	.05	...	.10	....	...	...	...	.01	...	...	...	...	...	...	....	...	.11	...	.38
DeKalb. ..... Sycamore.....	...	..	..	..	.10	.15	..	...	...	...	...	....	...	.20	.05	.05	....	...	...	...	..	...	...	...	...	...	...	....	...	..	...	.55
Lee... ..... Prairieville.....	...	..	..	..	.15	.01	...	...	..	...	. .	....	...	.01	...	...	....	...	...	.01	...	...	...	...	...	...	...	....	...	...	...	.21
Rock Island..... Davenport (Ia)	...		..	..	...	.01	.01	...	...	..	...	....	...	.02	.10	...	...	...	...	...	....	...	...	...	...	...	...	....	...	...	...	.17
Will..... Wilton Centre.	...	..	..	..	...	.03		...	...	...	...	.25	...	...	...	...	....	...	...	...	..	...	...	..	...	...	...	..	...	.35	...	.63
Knox..... Oneida.....	...	..	..	..	...	.16	.17	...	...	...	...	....	...	...	...	...	....	...	...	...	....	...	...	....	...	...	...	....	...	.10	...	.43
Peoria.... ..... Peoria.	...	..	..	..	...	.04	.02	...	...	...	...	...	. .	...	...	...	....	...	...	...	....	...	...	...	...	...	...	....	...	.18	...	.24
Sums.	...	..	..	..	.25	.68	.41	...	...	...	...	.25	...	.44	.15	.35	...	...	.01	.04	.01	...	...	.02	...	...	...	....	...	.86	...	3.47
Means	...	..	..	..	.12	.08	07	...	...	...	...	.25	...	.07	.07	.09	....	...	01	.02	.01	...	...	.02	...	...	...	....	..	.17	...	.38
CENTRAL DIVISION.																															
Hancock..... Keokuk (Ia..)	...	..	..	..	.02	...	...	..	...	...	...	...	...	.	...	...	....	...	...	...	.01	...	...	...	...	...	...	....	.05	.09	...	.17
Sangamon... ..... Springfield....	...	..	..	..	...	.03	.02	...	...	..	...	....	...	...	...	...	....	...	...	...	.02	...	...	...	...	...	...	....	.04	.06	..	.17
Douglas..... Hugo.	...	..	..	..	...	...	...	...	...	..	...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	...	....	.15	...	...	.15
Pike..... Griggsville.	...	..		..	...	...	...	...	...	..	...	....	...	...	...	...	....	...	...	.11	....	...	...	...	...	...	...	...	.14	.17	...	.42
Coles ..... Mattoon. ...	...	..	..	..	..	...	.01	...	...	.01	...	....	...	.06	...	...	....	...	...	...	....	...	...	...	...	...	...	.10	.08	.10	...	.58
Christian ..... Pana	.22	..	.	..	...	...	...	...	...	.	...	....	...	...	...	...	....	...	...	...	.08	...	...	...	...	...	...	.02	.08	...	...	.18
Montgomery..... Litchfield	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	....	...	...	...	...	...	...	...	...	...	...	.13	03	...	...	.16
Macoupin..... Bunker Hill	...	..	..	..	...	...	...	.05	...	.08	...	....	...	...	...	...	....	...	...	...	....	...	...	...	...	...	...	.17	.12	...	...	.42
Sums.	.22	..	..	..	.02	.03	.03	.05	...	.09	...	....	...	.06	...	...	....	...	...	.11	.11	...	...	...	...	...	...	.42	.69	.42	...	2.25
Means . ..	.22	..	..	..	.02	.03	.01	.05	...	.04	...	....	...	.06	...	...	....	...	...	.11	04	...	...	...	...	...	...	.10	.09	.10	...	.28

SOUTHERN DIVISON.

Crawford	Palestine									.03				.02							.03							.10	.10			.46
Bond	Greenville									.02																		.01				.03
Madison	Collinsville							.16									.06			.20	.14							.01	.08			.45
Marion	Centralia																											.30	.02			.32
St. Clair	St. Louis (Mo.)										.06										.07							.12	.14	.01		.40
St. Clair	Mascoutah							.10								.06												.05	.03			.44
Hamilton	McLeansboro										.33					.11					.14							.31				.89
Perry	Swanwick										.50						.12				.13							.17				.92
Williamson	Marion										.87						.45				.20							.43				1.95
Union	Anna	.06						.03			.53						.27				.28							.26				1.43
Pope	Golconda										.60						.10				.08					.01		.22				1.01
Alexander	Cairo	.05									.61						.06				.02	.02					.07	.25				1.08
Sums		.11						.29		.05	3.50		.02		.17	1.06				.20	1.09	.02				.01	.07	2.23	.37	.01		9.38
Means		.11						.10		.02	.50		.02		.08	.18				.20	12	.02				.01	.07	.18	.07	.01		.78

Daily Mean Temperature for March, 1885, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	TEMPERATURE, IN DEGREES, ON EACH DAY OF THE MONTH.																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry.....Marengo.....	28	29	34	31	29	31	16	19	33	17	26	26	30	33	20	5	10	18	10	4	8	14	24	28	29	41	33	27	31	38	44	25
Cook.....Chicago.....	34	34	38	37	35	36	24	26	37	23	35	31	35	40	26	13	16	24	16	10	13	17	28	34	33	46	35	33	33	42	47	30
Kane.....Aurora.....	32	30	36	31	36	32	21	24	35	24	31	30	34	37	24	8	10	22	14	7	11	17	28	34	36	45	36	32	34	42	47	28
DeKalb.....Sycamore.....	30	31	35	32	31	31	18	19	35	20	27	27	31	37	21	7	11	20	13	9	10	14	24	29	30	41	35	29	32	39	43	26
Lee.....Prairieville.....	32	36	37	36	34	34	22	26	37	25	34	32	35	39	24	11	14	25	17	9	12	20	29	31	35	44	39	32	36	44	45	31
Rock Island.....Davenport, (Ia.).....	34	38	40	37	37	34	30	28	42	35	38	39	41	42	28	18	21	31	24	19	20	25	32	35	37	47	40	37	38	44	50	34
Will.....Wilton Centre.....	29	28	34	32	31	31	19	22	34	22	28	30	32	35	22	8	12	22	14	12	10	14	24	25	31	40	35	31	34	38	46	27
Knox.....Oneida.....	29	33	37	33	33	32	26	28	39	31	33	35	38	39	25	17	16	28	20	14	14	17	29	31	32	45	41	36	38	42	49	31
Henderson.....Oquawka.....	33	45	35	39	37	30	32	32	36	38	36	40	42	..	38	22	23	35	31	25	30	34	34	37	35	45	42	37	40	43	51	36
Sums.....	281	304	326	311	303	291	208	224	328	235	288	290	318	302	228	109	133	225	159	109	128	17	252	284	312	391	336	294	316	372	422	268
Means.....	31	34	36	34	34	32	23	25	36	26	32	32	35	37	25	12	15	25	18	12	14	19	28	31	35	44	37	33	35	41	47	30
CENTRAL DIVISION.																																
Hancock.....Keokuk, (Ia.).....	35	39	40	37	37	32	27	30	41	36	39	40	43	43	32	18	21	32	25	19	19	22	33	34	36	45	42	39	38	46	63	35
Sangamon.....Sprin field.....	36	40	43	41	40	37	31	30	45	36	43	42	40	46	35	22	24	31	28	21	19	23	31	39	36	47	47	42	39	48	56	39
Douglas.....Hugo.....	33	35	37	34	34	34	27	26	39	33	41	37	39	40	30	20	22	28	23	17	16	18	26	35	30	47	44	35	35	42	51	33
Pike.....Griggsville.....	33	37	39	32	35	33	24	27	42	35	43	39	40	42	31	20	20	30	25	21	11	17	28	32	32	40	44	37	37	43	53	33
Coles.....Mattoon.....	31	38	38	34	37	36	29	25	39	34	48	42	48	44	33	21	20	29	24	19	16	19	24	36	34	45	49	37	39	45	56	34
Christian.....Pana.....	35	34	41	38	39	33	29	27	42	34	48	41	39	35	33	22	22	31	28	20	16	21	26	36	36	45	44	37	38	46	55	35
Sums.....	206	223	541	216	222	205	167	165	251	208	262	241	249	250	194	123	129	181	153	117	97	120	168	212	204	269	279	227	226	270	324	209
Means.....	34	37	40	36	37	31	28	27	42	35	44	40	41	41	32	20	21	30	25	19	16	20	28	35	34	45	45	38	38	45	54	35

SOUTHERN DIVISION.																																
Crawford	Palestine	36	38	46	42	39	38	32	29	42	40	51	44	41	49	36	26	22	32	29	23	22	23	30	41	36	49	45	37	39	49	58	37
Bond	Greenville	38	36	43	39	40	36	31	27	42	42	53	48	41	50	31	35	21	32	29	25	20	21	29	39	34	47	52	42	41	49	59	38
Marion	Centralia	39	36	43	36	37	34	33	29	40	45	55	50	42	46	30	27	22	34	29	25	25	18	20	27	33	45	51	35	42	52	58	37
St. Clair	St. Louis, (Mo.)	40	47	49	42	44	39	31	31	50	46	52	48	45	52	36	28	25	36	31	29	21	23	37	43	42	52	52	42	44	55	62	41
Hamilton	McLeansboro	37	38	46	59	36	37	31	27	39	47	55	49	38	51	16	28	22	33	32	25	23	19	27	41	36	50	53	36	39	51	62	38
Perry	Swanwick	...	41	44	38	38	38	32	30	44	45	52	50	40	46	33	29	20	32	31	27	22	19	28	43	38	46	52	38	38	52	58	38
Williamson	Marion	41	41	49	42	38	40	28	26	43	50	55	52	41	55	33	33	21	36	32	29	25	21	30	44	39	52	58	38	40	58	63	40
Pope	Golconda	39	40	47	45	40	42	40	38	40	51	58	51	40	54	41	34	22	25	34	30	26	22	30	42	42	51	54	37	42	57	64	41
Alexander	Cairo	43	43	52	47	43	45	35	31	40	53	56	51	43	54	39	37	24	37	36	34	30	24	32	43	42	48	53	39	43	58	63	43
Sums		313	360	419	370	355	349	293	268	380	417	487	443	371	457	315	277	199	297	283	247	214	190	263	363	342	440	470	344	368	481	547	353
Means		39	40	46	41	39	39	32	30	42	46	54	49	41	51	35	31	22	33	31	27	24	21	29	40	38	49	52	38	41	53	61	39
State Average		35	37	42	37	37	35	28	27	40	36	43	40	39	44	31	21	19	29	25	20	18	20	28	36	36	46	45	36	38	47	54	34

Comparison of the Precipitation and Mean Temperature for March, 1885, with the Corresponding Month of Former Years.

STATION.	PRECIPITATION.				MEAN TEMPERATURE.			
	Average Precipitation for March.	Number of Years.	Precipitation for March, 1885.	*Difference.	Average Temperature for March	Number of Years.	Mean Temperature for March, 1885.	*Difference.
NORTHERN DIVISION.								
County. *Post Office.*								
McHenry ..... Marengo.....	2.80	24	.29	-2.34	30.10	24	24.80	—5 30
Cook ..... Chicago	2.63	14	.57	-2.23	34.38	14	30 00	—4.38
Kane .. .. Aurora	1.10	3	.38	-.72	30.34	3	28.16	—2.18
DeKalb..... ..Sycamore....	1.53	4	.55	-.98	29.07	4	25.66	—3.41
Lee ....Prairieville...	1.12	2	.21	-.91	32.35	2	30 90	—1.45
Rock Island ....Davenport, (Ia	2.20	14	.17	-2.03	35 24	14	34.30	—.94
Will..... Wilton Centre.	.63	1	.63	.....	26.70	1	26.70	....
Knox .. .. Oneida.....	.43	1	.43	.....	31.01	1	31.01	.....
Henderson .....Oquawka	.....	.....	.....	.....	36.13	1	36.13	.....
Peoria... .....Peoria	1.06	3	.24	-.82	38.00	30	34.13	—3.87
CENTRAL DIVISION.								
Hancock.....Keokuk, (Ia.)..	2.22	14	.17	-2.05	37.68	14	34.70	—2.98
Sangamon.....Springfield....	2.83	6	.17	-2.66	39.65	6	36.80	—2.82
Douglas .....Hugo	.15	1	.15	.....	32.63	1	32.63	.....
Pike .....Griggsville ...	1.75	3	.42	-1.33	34.83	.....	33.00	—1.83
Coles.. .....Mattoon.....	3.20	6	.58	-2.62	37.58	6	34.50	—3.08
Christian... ... Pana	.89	3	.18	-.71	37.42	3	34.77	—2.65
Montgomery ...Litchfield	.16	1	.16	.....	36.30	1	36.30	.....
Macoupin... ...Bunker Hill. .	.42	1	.42	.....	36.60	1	36.60	.....
SOUTHERN DIVISION.								
Crawford.....Palestine.....	1.96	3	.46	-1.50	39.91	3	37.53	—2.38
Bond.....Greenville	.03	1	.03	.....	37.91	1	37 91	.. ....
Madison .. ..Collinsville....	3.74	.....	.45	-3.29	43.50	.....	38.30	—5.20
Marion.....Centralia.....	2.03	3	.32	-1.71	38.70	3	36.80	—1.90
St. Clair ..... .St. Louis, (Mo).	2.86	3	.40	-2.46	43 05	3	41.10	—1.95
St. Clair... .... Mascoutah...	3.01	3	.44	-2.57	.....	.....	.....	.....
Wayne .....Fairfield.. ...	.35	1	.35	.....	40.40	1	40.40	.....
Hamilton .....McLeansboro.	2.25	3	.89	-1.36	40.71	3	37.90	—2.81
Perry..... ... Swanwick.....	3.32	3	.92	-2.40	43.60	3	38.20	—5.40
Williamson.....Marion	1.95	1	1.95	.....	40.46	1	40 46	.....
Union.....Anna.....	4.10	10	1.43	-2.67	46.34	10	40.66	—5.68
Pope.. ....Golconda.....	2.15	7	1.01	-1 14	44.03	7	41.47	—2.56
Alexander.....Cairo	3.97	14	1.08	-2.89	47 02	14	42.60	—4.42

* In the columns marked difference, the + sign denotes an excess, and the — sign a deficiency for March, 1885. The precipitation is expressed in inches, the temperature in degrees, Fahrenheit.

REMARKS FOR MARCH.

ALEXANDER COUNTY.—H. W. FORD, Private, Signal Corps, U. S. A., Cairo. Highest temperature during March, 75°.10 on the 31st; lowest, 16°.50 on the 22d; mean, 42°.60. Monthly range, 58°.60; greatest daily range, 29°.40 on the 31st; least daily range, 5° on the 8th; mean daily range, 16°.40. The mean for the month, 42°.60, is 4°.42 below the mean of 14 Marches past. Highest barometer, 30.530 on the 23d; lowest, 29.759 on the 14th; mean, 30.127; range, 0.771. Mean relative humidity, 64.50 per cent. The prevailing direction of the wind was south, and its total movement 7,366 miles. Greatest velocity of the wind during March was 5. There were 9 clear, 18 fair and 4 cloudy days in the month. Rain or snow fell on 7 days, the total precipitation being 1.08 inches. This was the least March precipitation in a term of 14 years, and is 2.89 inches below the mean of that period. The snowfall was 1.34 inches. Frost March 2, 9, 14, 16 and 29.

BOND COUNTY—JOHN B. WHITE, Observer, Greenville. The highest temperature during March was 68° on the 14th; lowest, 10° on the 22d; mean, 37°.91; range for the month, 58°; greatest daily range, 34° on the 9th; least daily range, 1° on the 7th; mean daily range, 17°.42. The month was very dry, only 0.03 of an inch water falling. Two inches of snow fell on the morning of the 29th, but it melted by noon. Lightning was seen in the s.e. on the 14th. Lunar halo on the24th. The prevailing wind of the month was west.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest thermometer, 66° on the 31st; lowest, 9° on the 22d; mean, 34°.77; range, 57°; greatest daily range, 27° on the 11th; least daily range, 2° on the 7th; mean daily range, 13°.77. Snow fell on bnt 2 days; the precipitation being 0.18 of an inch. The snowfall was 3 inches. Frosts on the 4th, 5th, 10th and 14th. Prevailing wind was n.w. Greatest velocity of the wind during March, 10. The frost was out of the ground, where exposed to the sun, by the 10th. Heard the blue bird singing on the 2d, and saw the wild duck going n. Robins made their appearance on the 10th, blackbirds were seen going n. on the 14th, and wild geese on the 28th. Snipe, plovers and woodbirds appeared on the 28th. Partial eclipse of the sun on the 16th.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest thermometer, 70°, lowest, 8°. The mean for the month, 34°.50 is 3°.08 below the mean of the last six Marches. Rain or snow fell on 4 days during the month the precipitation being 0.58 of an inch. This is much the smallest precipitation of any March for six years, and is 2.62 inches below the mean rainfall for that period. The snow fall of the month, 1.75 inches, is 2.30 inches below the March average for the past six years. There was frost on the 3d, and ice formed on 21 days during the month. There were 12 clear and 19 cloudy days in March. The wind was n. 6 times, n.e. 4, s.e. 1, s. 3, s.w. 2, w. 8, n.w. 4 and calm 2 times. It has been extremely dry all month. Very little rain for the past 75 days. The snow-drifts of February disappeared by March 29th. Partial eclipse of the sun at noon on the 16th, about half its disk being covered. Most of the birds have come. Robins were first seen on the 4th, larks and bluebirds on the 5th, blackbirds on the 6th, and plovers on the 31st. Cross-bills went north on the 12th.

COOK COUNTY—T. B. JENNINGS, Sergeant, Signal Corps, U. S. A., Chicago. Highest barometer 30.418 on the 10th; lowest, 29.485 on the 14th; mean, 30.066; range, 0.933. Highest thermometer, 57°.90 on the 26th; lowest, 4°.40 on the 20th; range, 53°.50; greatest daily range, 29° on the 10th; least daily range, 7°.40 on the 3d; mean daily range, 15°.20. The mean temperature of the month, 30°, is lower than any March mean for 14 years, with the exeeption of March, 1872 and 1877, and is 4°.38 below the average of that period. Mean humidity of the month, 75.20 per cent. Rain or snow fell on 8 days, and the precipitation was 0.57 inches. In a period of 14 years, only March, 1883, was drier, its precipitation being but 0.42 inches. Three and six-tenths inches of snow fell during the month. Frost March 2, 3, 10, 11, 12, 13, 21, 23 and 25. There were 6 clear, 17 fair and 8 cloudy days. The prevailing direction of the wind was s.w. and its total movement 5,493 miles miles. Its greatest velocity was 4. Lunar halos on the 27th and 31st.

CRAWFORD COUNTY—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 74° on the 31st; lowest, 15° on the 17th and 20th. Range, 59°; greatest daily range, 26° on the 31st; least daily range, 1°.50 on the 7th; mean daily range, 13°.23. The mean temperature of the month, 37°.53, is 2°.38 lower than the March mean for 3 years, and the precipitation, 0.46 inches, is 1.53 inches less than the average precipitation for the same time. Rain or snow fell on 5 days, the snowfall being 1.50 inches. Thunder-storm from the s.w. on the 14th, followed by a rainbow. The prevailing wind of the month was w. and its maximum velocity 4. Wild geese were flying back and forth all month. Vegetation has not yet begun to grow on the 31st.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature during March, 54° on the 31st; lowest, -1° on the 17th: range, 55°; greatest daily range, 13°.60 on the 15th; mean daily range, 13°.19. The mean for the month, 25.°66 is the lowest March mean for 4 years, and is 6°.83 lower than the mean of the three preceding Marches. The 7 days ending with the 22d had a mean of 12°.13, which is lower than the mean for the three winter months. The prevailing wind was n.w., and its maximum force 4. The wind was n. 3 times, n.e. 13, c. 3, s.e. 9, s. 3, s.w. 17, w. 17, n.w. 22 and calm 6 times. There were 8 clear, 14 fair and 9 cloudy days. Frost every day except the 31st. The thermometer has been at, or below, the freezing point at some time every day from the 31st day of December till the 31st of March, and the ground has been frozen constantly since November 23d. Three and a half inches of snow fell in March, but none remained on the ground at the end of the month, except in drifts along the fences. Rain or snow fell on 5 days, the precipitation being but 0.55 inches, which is less than for any month in four years, and is 1.96 inches less than the average for March for the three preceding years.. Solar halo on the 5th, and lunar halos on the 27th and 28th. Robins appeared on the 20th, ducks on the 27th, and wild geese on the 28th.

DOUGLAS COUNTY—A. C. WILLIAMS, Observer, Hugo. Highest thermometer, 66° on the 31st; lowest, 8° on the 20th; mean, 32°.63; range, 58°; greatest daily range, 26° on the 23d; least daily range, 4° on the 1st; mean daily range, 14°.42. Rain or snow fell in appreciable quantities on but one day in March the precipitation being 0.15 of an inch. There were slight falls of snow on nine and of rain on one other day but not enough to measure. Vegetation has made very little growth. Hardy bulbs, such as tulips, lilies, dicentra, etc., begin to show themselves on the surface of the ground. Peonies are also appearing, but trees and shrubbery are still dormant. Wild geese were seen going north on the 5th, but went south again on the 9th. Frogs were croaking on the 5th and robins mating on the 11th. The winds for the month were n. 17 times, n.e. 18, e. 4, s.e. 2, s. 5, s.w. 18, w. 13 and n.w. 16 times. The greatest force of the wind was 6, on the 14th. There were 6 clear, 22 fair and 3 totally cloudy days in March. A lunar halo was seen on the night of the 29th.

HAMILTON COUNTY—WM. P. GIBBS, Observer, McLeansboro. Highest thermomerer during March, 76° on the 31st; lowest, 9° on the 22d. The mean temperature of the month, 37°.90, is 3° below the March average of the past three years, and is 6° below the mean of March, 1884. The greatest daily range of temperature was 31° on the 9th, and the least daily range 2° on the 21st. Range for the month, 67°. The month was cold and very dry. Rain or snow fell on 4 days, the precitation being only 0.89 of an inch. This is 1.36 inches below the average rainfall of the last three Marches. 5½ inches of snow fell. Distant thunder was heard on the 14th. Frost March 1, 2, 3, 4, 5, 8, 14, 20, 23 and 26. Solar halos on the 4th and 11th; lunar halo on the 4th. There were 8 clear, 17 fair and 6 cloudy days in March. The prevailing wind of the month was n.w., and its greatest force 5. Winds followed by clear or fair weather, n.w.; by rain, e. and s.e. The ice is thawed out on the surface, but the ground is still frozen in places on the northern hillsides. Vegetation shows but little sign of spring. The condition of wheat is still uncertain.

HANCOCK COUNTY—Fred Z. GOSEWISCH, Sergeant, Signal Corps, U. S. A., Keokuk, Ia. Highest barometer, 30.449 on the 17th; lowest, 29.704; mean, 30.110; range, 0.745. Highest temperature, 60°.40 on the 31st; lowest, 8°.60 on the 17th. The mean temperature of the month, 34°.70, is 2°.99 below the mean of 14 Marches past. The greatest daily range of temperature was 27°.80 on the 25th; least daily range, 5°.50 on the 7th. Rain or snow fell on 9 days but in very small amounts. The total precipitation was only 0.17 of an inch, which is the least rainfall of any March in 14 years, and is 2.22 inches below the average for that period. The prevailing direction of the wind was n.w. and its total movement 7,359 miles. The greatest velocity of the wind was 4. There were 10 clear, 19 fair and 2 cloudy days. Aurora on the 15th, solar halo on the 5th and lunar halos on the 24th and 27th. Frosts March 2, 3, 4, 5, 8, 19, 23, 25, 26 and 27.

HENDERSON COUNTY—JAMES PETERSON, Observer, Oquawka. Highest temperature, 60° on the 31st; lowest, 12° on the 20th; mean, 36°.13. Range for the month, 48°; greatest daily range, 24° on the 23d; least daily range, 2° on the 6th; mean daily range, 13°.29 A quarter of an inch of snow fell on the 6th. No rain during the month. Thunder accompanied by lightning about noon of the 12th in the s.w. Slight frost nearly every night in March. The prevailing winds of the month were s.w. and n. w. The Mississippi river was quite clear of ice on the 31st and rising rapidly. It rose 4 inches on the 31st.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.550 on the 8th; lowest, 29.560 on the 3d; mean, 29.940; range, 0.990. Highest thermometer, 58° on the 31st; lowest -1° on the 17th; mean, 28°.16. Range, 59°; greatest daily range, 27° on the 28th; least daily range, 3° on the 18th; mean daily range, 16° The mean humidity of the month was 70 per cent. The prevailing wind of the month was w., and its greatest velocity 5. The wind was w. 7 times, n. e. 14, 5, s. e. 19, s. 4, s. w. 17, w. 24, and n.w. 13 times. Rain or snowfell on 6 days, and the precipitation was 0.38 inches. Two and a half inches of snow fell in March. Frost March 5, 12, 14, 20, 21, 22, 25 and 29. Lightning and thunder at 11:30 P. M. of the 12th. Heavy fog on the morning of the 27th.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest thermometer, 62° on the 31st; lowest, 4° on the 17th; mean, 31°.01. Range for the month, 58°; greatest daily range, 25° on the 23d; least daily range, 4° on the 1st; mean daily range, 14°.87 Rain or snow fell on only 3 days, the precipitation being but 0.43 of an inch. There were 5 clear, 19 fair and 7 cloudy days in March. The prevailing winds of the month were n.w. and s.w. Aurora borealis on the 15th. The frost is not yet all out of the ground, and spring work has not begun.

LEE COUNTY—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer during March, 30.180 on the 10th; lowest, 29.450 on the 14th; mean, 29.904; range, 0.730. Highest thermometer, 62° on the 31st; lowest, -4° on the 17th. Mean, 30°.90; highest daily mean, 45°.30 on the 31st; lowest daily mean, 9.°20 on the 20th. Range, 66°; greatest daily range, 25° on the 17th and 31st; least daily range, 2° on the 6th; mean daily range, 13°.10. The mean humidity of the month was 74.22 per cent. The precipitation was 0.21 inches, rain or snow falling on 4 days. Two and three-quarters inches of snow fell in March. White frost on the 25th and 27th. Solar halos

March 2, 3, 5, 8, 10, 15, 17, 18, 21, 22, 23, 25 and 29. There were 12 clear, 7 fair and 12 cloudy days during the month. The prevailing wind was w. and its maximum velocity 5. Total movement of the wind during March, 4,576 miles.

McHENRY COUNTY—JOHN W. JAMES, Observer, Marengo. Highest thermometer, 55°.80 on the 31st; lowest -4°.30 on the 17th; range, 60°.10; greatest daily range, 24°.80 on the 8th; least daily range, 3°.50 on the 15th and 18th; mean daily range, 15°.38. In 24 years there have been only 3 Marches, 1867, 1872 and 1877, which were colder than this, and up to the 23d this was the coldest of all. The mean temperature of the month, 24°.80, was 5°.30 lower than the Mareh mean of 24 years past. The temperatures of -4°.30 on the 17th, 3°.20 on the 20th and -1°.60 on the 21st were the lowest I have ever recorded so late in March. Rain or snow fell on 5 days. The snowfall was 2 inches, but the precipitation in melted snow was only 0.29 of an ineh. This is the driest Mareh I have ever recorded, its total precipitation being 2.34 inehes less than the mean amount of 24 Marches past, and 0.60 of an inch less than the smallest amount before recorded in March. Some hail fell about noon of the 14th. The prevailing wind was n.w. and its greatest force 5. Frost every day in the month except the 30th and 31st. Aurora on the 20th; solar halos on the 2d, 5th, 25th and 27th, and lunar halos on the 27th and 28th. The partial eclipse of the sun, on the 16th, was well seen here. The temperature fell but 1°.10 from its beginning to the middle of its duration. The winds for March were n. 7 times, n.e. 15, e. 3, s.e. 3, s. 6, s.w. 17, w. 11, n.w. 26 and calm 5 times. There were 9 clear 18 fair and 4 cloudy days. Robins and meadow larks eame on the 24th, and wild geese were seen on the 28th. At 4:45 P. M. on the 21st, the star Aldebaran, of the first magnitude, was 4 or 5 min. south of the moon, and was easily seen with a power of 26 diameters on an ordinary spy-glass, the sun being 1 hr. and 30 min. above the horizon.

MACOUPIN COUNTY—F. C. ZIMMERMAN, Observer, Bunker Hill. Highest temperature during March, 75° on the 31st; lowest, 11° on the 22d; mean, 36°.60. The range for the month was 64°; the greatest daily range was 38° on the 9th and 31st; least daily range, 7° on the 7th; mean daily range, 22°. Rain or snow fell on 4 days, the precipitation being 0.42 of an inch. The snowfall was 3.40 inehes. Greatest foree of the wind during March, 3.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 74°.50 on the 31st; lowest, 12° on the 22d; range, 62°.50; greatest daily range, 31°.50 on the 31st; least daily range, 8° on the 7th; mean daily range, 18°.88. The mean temperature of the month, 38°.30, is 5°.20 below the mean for Mareh, and the preeipitation, 0.45 of an inch, is 3.29 inches below the average. Rain fell on 5 days in the month.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest thermometer, 74° on the 31st; lowest, 13° on the 22d; mean, 35°. Range for the month, 61°; greatest daily range, 28° on the 3d and 11th; least daily range, 6° on the 8th; mean daily range 17°.74. Rain or snow fell on but two days, the precipitation amounting to only 0.32 of an inch. Two inehes of snow fell on the 28th. The month has been unusually eold and dry. The prevailing wind was n.e., and the greatest veloeity of the wind 4. The March winds have been light, but eold and full of moisture. There were seven clear, 13 fair and 11 cloudy days during the month.

MONTGOMERY COUNTY—W. S. PALMER, Observer, Litchfield. Highest temperature, 62° on the 14th; lowest, 12° on the 22d; mean, 36°.30; range 50°. Rain or snow fell on but one day, the precipitation being 0.16 of an inch. The prevailing wind was s. w. A very bright lunar halo was observed on the 24th. Meadow and prairie larks and robins were seen on the 2d. I killed a snake on the 10th; think it must have been driven out by some unnatural cause. The ground was frozen on the surface every day in the month except the 12th, 27th, 30th and 31st. I think that winter wheat, though injured, will make a fair crop.

PEORIA COUNTY—FRED. BRENDEL, Observer, Peoria. Highest temperature, 64°.50 on the 31st; lowest, 10° on the 21st; mean, 34°.13; range, 54°.50. Highest barometer, 30.011 on the 24th; lowest, 29 217 on the 14th; mean, 29.696; range, 0.794. Mean humidity, 65 per cent. The prevailing winds were w. and s. Greatest force of the wind in March, 5 Rain or snow fell on 3 days, the precipitation being 0.24 inches. Frost every day in March except the 3d, 12th, 26th to 31st. The mean temperature of this March, 34°.13 is 3°.87 below the March mean for a period of 30 years.

PERRY COUNTY—J. C. ELLIOTT, Observer, Swanwick. The highest temperature during the month was 77° on the 31st; lowest, 12° on the 22d. The mean temperature, 38°.20, is 5°.40 below the March average of the last three years. The greatest daily range of temperature was 30° on the 31st, and the least daily range, 2° on the 7th. Three inches of snow fell during the month, the precipitation in melted snow being 0.92 of an inch. This is 2.40 inches below the Mareh average of the past three years. The drouth is quite severe. Many cisterns are dry and people are hauliug water. Winter wheat is suffering for rain. Rain fell on only five days during the month. Frost Mareh 2, 4, 5, 23 and 26. Solar halos on the 3d and 4th; lunar halos on the 2d and 24th. A paraselene was seen at 8 P. M on the 2d. The prevailing wind for March was n.w. and its maximum force was 4. Winds followed by rain, n.e. and s. e.; by clear or fair weather, s.w. and n.

PIKE COUNTY—A. MONROE, Observer, Griggsville. Highest barometer, 30.600 on the 17th and 23d, lowest, 29.850 on the 14th; mean, 30,240. Highest thermometer, 66° on the 31st; lowest, 8° on the 21st; mean, 23°. Rain or snow fell on 4 days, the precipitation being but 0.42 of an inch. Two and a half inches of snow fell during March. The wind was s. w. at 24 observations, n. w. at 22, n. e. at 18, w. at 16, n. at 4, s. at 4, s. e. at 4 and e. at 1 observation. The greatest velocity of the wind was 4. There were 5 clear, 24 fair and 2 cloudy days in March. Lunar halo on the 9th. Parhelia on the 29th. The month has been dry and eold. Winter wheat in this vicinity is nearly all killed.

POPE COUNTY—J. E. Y. HANNA, Observer, Goleonda. Highest temperature, 78° on the 31st; lowest, 17° on the 22d; range, 61°; greatest daily range, 35° on the 11th; least daily range, 2° on the 13th; mean daily range, 16°.52. The mean temperature of the month, 41°.47 is 5°.12 below the mean of March for the six preeeding years, and 0°.53

below the lowest mean during that time. Six and a half inches of snow fell during the month, rain or snow falling on 6 days. The precipitation, 1.01 inches, was 2.29 inches below the March average for six years past, and 0.56 of an inch less than any March in that period. There were 6 clear, 22 fair and 3 cloudy days in March. Distant thunder in the west and lightning in the east on the 14th. White frost March 1, 2, 3, 8, 9, 14, 16 and 20. Frost out of the ground on the 3d. Frogs were first heard on the 11th. Pansies in bloom on the 30th.

ROCK ISLAND COUNTY—ROBT. B. MARTIN, Sergeant, Signal Corps, U.S.A., Davenport, Iowa. Highest barometer, 30.436 on the 17th; lowest, 29.630 on the 14th; mean, 30.101; range, 0.806. Highest temperature, 59°.70 on the 31st; lowest, 7°.60 on the 17th. The monthly range of temperature was 52°.10; greatest daily range, 24°.30 on the 23d; least daily range, 7° on the 3d; mean daily range, 16.°30. The mean temperature of the month, 34°.30, is 0°.94 below the mean of 14 Marches past. Mean daily dew-point, 16°.30. Relative humidity, 68.20 per cent. The prevailing direction of the wind was n.w., and its total movement 7,750 miles. The greatest velocity of the wind was 5. There were 7 clear, 17 fair and 7 cloudy days in the month. Rain or snow fell on 10 days. Solar halo on the 21st and lunar halo on the 31st. Frost every day except March 31st.

SANGAMON COUNTY — JNO. CRAIG, Sergeant, Signal Corps, U. S. A., Springfield. Highest barometer, 30.456 on the 23d; lowest, 29.642 on the 14th; mean, 30.098; range, 0.814. Highest temperature, 65°.50 on the 31st; lowest, 12° on the 22d; range, 53°.50; greatest daily range, 28°.50 on the 9th; least daily range. 5°.80 on the 7th; mean daily range, 16°.70. This has been the coldest March in six years. The mean temperature of the month, 36°.80, is 2°.82 below the March average for that time. Rain or snow fell in appreciable quantities on 5 days, the precipitation being only 0.17 of an inch, which is 2.66 inches below the average March rainfall for a period of six years. The snowfall for the month was 1.90 inches. Frost March 2, 3, 4, 5, 9, 10, 14, 18, 19, 20, 22, 23 and 25. The prevailing direction of the wind was n.w. and its total movement 7,493 miles. Highest velocity of the wind in March was 4, from the w. on the 14th. There were 7 clear, 9 fair and 5 cloudy days in the month. Solar halos March 5, 11, 17 and 22 and lunar halos on the 24th and 30th.

ST. CLAIR COUNTY—G. A. WEBER, Corporal, Signal Corps, U. S. A., St. Louis, Mo. Highest barometer, 30.495 on the 23d; lowest; 29.735 on the 14th; mean, 30.128; range, 0.760; Highest temperature, 74° on the 31st; lowest, 13°.10 on the 22d; range, 60°.90; greatest daily range, 31°.40 on the 9th; least daily range, 6°.50 on the 7th; mean daily range, 17°.80. The mean temperature of the month, 41°.10, is 1°.95 below the mean temperature of 15 Marches past, and the precipitation, 0.40 inches, is 2.46 inches below the average for the same period, and is much less than any other March during that time. The mean humidity of the month was 64.20 per cent. The prevailing wind was n.w. and its total movement 9,878 miles. Its greatest force was 6. Rain or snow fell on 5 days. There were 13 clear, 13 fair and 5 cloudy days in March. Lunar halo on the 24th.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest temperature 80° on the 31st; lowest, 15° on the 22d. Snow fell on 5 days, 4.40 inches falling. Our wheat crop is a failure. The peaches and most of the berries are also frozen.

UNION COUNTY—JOHN D. NEWBEGEN, Observer, Anna. Highest barometer, 30.560 on the 25th; lowest, 29.880 on the 14th; mean, 30.190. Highest temperature, 79° on the 27th; lowest, 13° on the 22d. The mean temperature of the month, 40°.66, is 5°.68 below the March average for the past 10 years. Rain or snow fell on 8 days, the precipitation being 1.43 inches, which was 2.67 inches less than the average March rainfall for 10 years past. Seven and five-hundredth inches of snow fell during the month. The prevailing wind was n.w., and its greatest force 4. Hail fell on the 28th. Wild geese went north on 1st. Turtle doves were first heard on the 25th, and the first butterfly (Archippus) was seen on the 30th.

WAYNE COUNTY — JACOB HALL, Observer, Fairfield. Highest temperature, 78° on the 31st; lowest, 8° on the 23d; mean, 40°.40. Range for the month, 70°; greatest daily range, 34° on the 11th; least daily range, 1° on the 21st and 28th; mean daily range, 14°.45. The month has been 3°.20 colder than March, 1884. Light rain or snow fell on 9 days, but in such small quantities as not to be measured. Three and a half inches of snow fell, and that, together with the rain, would make nearly 0.50 of an inch. Thunderstorm with vivid lightning on the 10th. Hail one-third of an inch in diameter, fell during the storm; a strong n. w. wind was blowing. Fog on the 4th. There were 9 clear, 8 fair and 14 cloudy days in March.

WILL COUNTY—H. N. RENFREW, Observer, Wilton Center. Highest barometer in March, 30.440; lowest, 29.520; mean, 30.090; range, 0.920. Highest temperature, 64° on the 31st; lowest, -4° on the 20th; mean, 26°.70. The monthly range was 68°; greatest daily range, 32° on the 22d and 23d; least daily range, 8° on the 1st; mean daily range, 20°.35. During the eclipse on the 16th the thermometer fell 4°. Rain or snow fell on but three days in March, the precipitation being 0.63 of an inch. Two inches of snow fell during the month. Thunder storm on the 11th. The prevailing winds were s. w. and w., and the greatest force of the wind in March was 4. The blue birds made their first appearance on the 10th, and the robins on the 24th. Wild geese were seen flying north on the 27th.

WILLIAMSON COUNTY — W. S. WASHBURN, Observer, Marion. Highest thermometer, 76° on the 31st; lowest, 10° on the 22d; mean, 40°.46. Range, 66°; greatest daily range, 40° on the 26th; least daily range, 7° on the 21st; mean daily range, 22° 42. There were 4 clear, 24 fair and 3 cloudy days in March. Of 93 observations of the wind it was n. 1 time, n.e. 6, e. 6, s.e. 1, s. 1, s.w. 21, w. 16, n.w. 13 and calm 29 times. Rain or snow fell on 4 days, the precipitation being 1.95 inches. Snow fell to the depth of 6.37 inches.

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METEOROLOGICAL.

January Meteorological Report.
February Meteorological Report.
March Meteorological Report.

ILLINOIS STATE FAIR—At Chicago September 14, 1885.
AMERICAN FAT STOCK AND DAIRY SHOW—At Chicago November 10, 1885

ILLINOIS

CROP REPORT

— FOR —

MAY, 1885.

— CONTAINING —

Summary of Correspondents Remarks, Etc.,

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE

CHARLES F. MILLS,
Secretary.

CIRCULAR 122.

SPRINGFIELD, ILL.
JOURNAL CO., STATE PRINTERS AND BINDERS.
1885.

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ILLINOIS CROP REPORT,

—FOR—

MAY, 1885.

Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Meteorological Record, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, May 1, 1885.

The information contained in this circular was obtained from the reports of correspondents mailed to this department the first of May.

The correspondents of the department are, as a rule, farmers of extended experience and deeply interested in the accuracy of the returns.

A large number of the correspondents have been reporting to this department during the past nine years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number nearly six hundred, and are so distributed over the State as to represent each locality.

SEASON.

The mean temperature for the past month is some higher than that of April, 1884, but lower than the April mean for a term of years. The precipitation in April, 1885 exceeds that of the corresponding month for a number of years.

The meteorological report for the month of April, 1885, is given elsewhere in this report.

WINTER WHEAT.

The area of the late seeding of winter wheat in each county in the State is given in a table published elsewhere in this report as well as the May condition for 1882, 1883, 1884 and 1885. The report concerning the condition covers only the growing wheat The large area winter-killed is not included in the estimates of correspondents. The area seeded to winter wheat in the Northern Division of the State was 51,088 acres; in the Central Division 1,092,652 acres; in the Southern Division 1,203,551 acres. The limited area of winter wheat in the Northern Division, from present prospects, will return only about three-fourths of an average yield per acre. The condition of winter wheat is up to an average in only two northern counties, viz: Boone and Kane, and the total winter wheat area of these two counties is less than one

housand acres. There will be nearly an average yield per acre of winter wheat in the counties of Cook, DeKalb, Henry, Iroquois, Kendall and McHenry, and three-fourths of an average yield per acre in the counties of Bureau, DuPage, Kankakee, Knox, LaSalle, Lee, Livingston, Ogle, Peoria, Putnam, Stark, Warren, Whiteside and Woodford. In the counties of Carroll and JoDaviess there will be less than half an average yield per acre, and only about half an average yield per acre in the counties of Stephenson and Winnebago.

The seeding of winter wheat last fall in the central counties was less than that of the previous year, and exceeded one million acres. There was a slight improvement in the condition of growing wheat during the past month and there is encouragement for something more than half an average yield per acre. In some of the central counties over three-fourths of the late seeding of fall wheat was winter-killed. The May condition of winter wheat in the leading winter wheat counties in the Central Division of the State is as follows: Adams, 43 per cent. of an average; Christian 33; Edgar 85; Greene 30; Jersey 25 Macoupin 34; Montgomery 47; Pike 29; Sangamon 44; and Shelby 10 per cent. of an average. The condition of wheat gives encouragement for three-fourths of an average yield per acre in the counties of Calhoun, DeWitt, Edgar, Macon, Morgan and Schuyler. There will not be over one-third of an average yield per acre of fall wheat in the counties of Champaign, Christian, Greene, Jersey, Pike, Shelby and Vermilion.

About two-thirds of the seeding of fall wheat in the Southern Division is reported winter-killed. The wheat prospects are not as encouraging as one month ago and with favorable conditions until harvest there will not be much over half an average yield per acre. The condition of wheat in the southern counties where this crop receives much attention was as follows: Bond, 39 per cent. of an average; Clinton 76; Fayette 24; Gallatin 70; Jackson 40; Jefferson 46; Madison 52; Marion 65; Monroe 82; Randolph 72; St. Clair 56; Washington 42, and White 54. There will be about three-fourths of an average yield per acre of wheat in the following southern counties, viz; Clinton, Edwards, Effingham, Gallatin, Monroe and Pulaski. There will be less than a half an average yield per acre of fall wheat in the counties of Bond, Crawford, Fayette, Franklin, Hamilton, Jackson, Jasper, Jefferson, Johnson, Lawrence, Washington and Wayne. In but few counties has the condition of wheat made any decided improvement since the growing season opened, and for many years the prospect has not been more discouraging for fall wheat than this season.

SPRING WHEAT.

The area of spring wheat is 14 per cent. larger than last season in the Central Division of the State. Spring wheat is grown to such a limited extent in the Southern Division of the State as to be hardly worthy of mention. The area in the only county in the Southern Division (Marion) reporting the crop, is as large as last season and the condition is up to an average. Considerable attention is paid to the cultivation of spring wheat in the Northern Division of the State where the condition is nearly up to an average. The area in this division is as large as last season. In the following northern counties the area of spring wheat is larger than last season, viz: Bureau, Carroll, DeKalb, DuPage, Henry, Knox, Lee, Putnam, Rock Island, Whiteside, Will and Winnebago.

There is a very considerable increase in the area seeded to spring wheat this season as compared to 1884 in the central counties of Brown, Greene, Logan, Morgan and Sangamon.

The comparative area of spring wheat in each county in the State where this crop is grown to any extent is given in the table published elsewhere in this report as well as the May condition in 1882, 1883, 1884 and 1885.

OLD WHEAT.

The amount of wheat in the hands of the farmers of this State the first of May, 1885, is 6,350,202 bushels, which exceeds the average supply reported for the corresponding date in previous years by 523,507 bushels.

This large surplus of old wheat in the hands of the producer is owing in part to the prevailing low price obtained for wheat the past season, and the decrease in exports caused by good harvests abroad and the unusual stocks of wheat accumulated of late in the foreign markets.

The following table gives the amount of "old wheat" in first hands the first of May, 1881, 1882, 1883, 1884 and 1885.

Year Produced.	Crop in Bushels.	Per cent crop on hand following May 1.	Amount crop in producers hands following May 1.	Surplus wheat above seed and consumption.
1880	56,508,309	*15	8,476,246	39,851,883
1881	22,374,163	13	2,924,039	5,765,414
1882	52,323,261	15	8,174,634	36,214,133
1883	20,374,592	15	3,208,358	4,575,152
1884	34,367,493	18	6,350,202	17,367,794
Average	37,184,163	15	5,826,695	20,754,875

*Estimated.

The amount of surplus wheat above seed and consumption given in the last column in the above table is determined by deducting at time of harvest from the entire crop of the season, the quantity required to seed an area equal in extent to that harvested, at the rate of 1¼ bushels per acre, and provide 4 bushels per capita for consumption during the ensuing twelve months.

WINTER RYE.

The comparative May condition of winter rye for 1880, 1881, 1882, 1883, 1884 and 1885 in each county in the State is given in a table published elsewhere in this report.

The attention given to the cultivation of this crop in the Southern Division of the State is quite limited and rye is grown in the central portion of the State principally for pasturage.

In the Northern Division of the State the condition of rye is nearly up to an average. The condition of rye gives encouragement for more than 90 per cent. of an average yield per acre in all the northern counties except the following where the condition is as noted: Carroll 89 per cent.; Grundy 86; Lake 87; LaSalle 80; Livingston 88; Marshall 85; Ogle 85; Peoria 86; Rock Island 83; Stark 88; Stephenson 86; Winnebago 87: Woodford 78 per cent.

The condition of rye is up to an average in the following central counties: Brown, Cumberland, Hancock and Vermilion. The most discouraging reports concerning this crop come from the following central counties where the condition of rye is as noted: Shelby 50 per cent.; Montgomery 58; Calhoun 47; Clark 35.

There will be but little over three-fourths of an average yield per acre of rye in the Central Division of the State with the most favorable conditions until harvest.

The condition of rye is not given in the following southern counties, viz: Clay, Edwards, Franklin, Gallatin, Hardin, Lawrence, Marion, Pulaski, Wabash, White and Williamson.

There will not be more than half an average yield per acre of rye in the following counties in the Southern Division of the State, viz: Bond, Fayette, Hamilton, Massac, Pope, Saline and Wayne.

The condition of rye in the southern counties from which reports have been made indicate less than three-fourths of an average yield per acre.

OATS.

The seeding of oats this season exceeds that of the previous year which was the largest on record. The attention given to the cultivation of oats in this State the past few years is indicated by the increased area devoted to this crop which has been as follows: 1879, 1,631,139 acres; 1880, 1,749,391; 1881, 1,922,389; 1882, 2,461,655; 1883, 2,740,959; and 1884, 2,867,560 acres.

The oat crop of the State of late years has been as follows: 1878, 53,524,555 bushels; 1879; 54,664,569; 1880, 62,707,002; 1881, 68,744,514; 1882, 99,275,380; 1883, 104,299,230 and 1884, 102,411,655.

The area seeded to oats this season in the Northern Division of the State is about the same as in 1884. The area devoted to this crop in the northern counties is much larger than in either the Central or Southern Divisions of the State. There is an increase of 11 per cent. in the area of oats in the Central Division of the State as compared to 1884, and an increase of 22 per cent. in the Southern Division as compared with the previous year.

The May condition of oats in the northern counties the past four seasons has been as follows: 1882 and 1883, 97 per cent of an average; 1884, 98 per cent; 1885, 90 per cent. Oats are above an average in only one of the northern counties, viz: Cook. The prospects are encouraging for an average yield per acre in the counties of Lake, Marshall, McHenry and Putnam. There is a very considerable increase in the area of oats in nearly every county in the Central Division of the State. In only the following central counties is the area of oats less than in 1884, viz: Ford 99 per cent.; Fulton 90; McDonough and Schuyler 92 per cent. The condition of oats gives encouragement for nearly an average yield per acre in all the counties in the Central Division of the State. The comparative May condition of this crop in the central counties the past few years has been as follows: 1882 and 1883, 98 per cent of an average; 1884, 94 per cent.; 1885, 97 per cent.

There is an increase in the area of oats as compared with 1884 in all the southern counties except the following where the area is reported as noted: Hardin and Union 90 per cent.

There will be an average or better yield per acre in the following southern counties: Alexander, Clay, Clinton, Effingham, Fayette, Hamilton, Jasper, Madison, Marion, Perry, St. Clair and Washington.

The May condition of oats in the Southern Division of the State for a term of years has been as follows: 1882, 90 per cent.; 1883, 91 per cent; 1884, 96 per cent; 1885, 93 per cent.

The table published elsewhere in this report gives the comparative area of this crop in each county in the State as well as the May condition for 1882, 1883, 1884 and 1885.

BARLEY.

This crop is cultivated to a limited extent in the counties where the area, as compared with 1884, is as noted: Cook, Cumberland, DeKalb, Greene, Jefferson, Kane and Lake, each 100 per cent.; Lawrence and Lee, 95; Marion, 100; McHenry, 91; Monroe, Montgomery and Moultrie, 100; Ogle, 80; Rock Island and Stark, 100; Stephenson, 94; Washington and Woodford, 100; Winnebago, 109. The May condition of barley is reported to be up to an average in the following counties, viz: Cook, Greene, Jefferson, Kane, Lake, McHenry, Monroe, Montgomery, Moultrie, Stark and Woodford. The May condition of barley in the other counties where this crop is reported, is as follows: Lawrence, 60 per cent.; Lee, 93 per cent.; Ogle and Rock Island, 90; Stephenson, 84; Winnebago, 75 per cent. of an average.

OLD CORN.

The average corn crop of the State the past ten years has been 232,816,462 bushels. It will be seen in the following table that the corn crop of the State, during the past five years has been much below the average.

The following table gives the amount of "old corn" in the producers' hands May 1, the past six years, as well as the extent of the crop produced the preceding year:

Year Produced.	Crop in Bushels.	Per ct. corn on hand following May	Bushels corn in producers' hands following May
1879	305,913,377	32+	99,239,889
1880	250,697,036	28+	71,929,343
1881	174,491,706	21+	37,445,964
1882	179,471,729	24+	43,450,857
1883	186,583,558	21+	39,478,621
1884	207,556,662	24+	50,102,262
Average	217,452,345	25	56,941,156

The amount of old corn in first hands the first of May is 6,838,894 bushels less than the average supply on hand at corresponding date the past six years. There has been a very indifferent market for corn since the late crop was secured, and farmers have more corn on hand than usual at this season.

MEADOWS.

There is quite a marked increase in the area of meadows in all portions of the State as compared with the previous year. It will be seen in the table published elsewhere in this report that the area of meadows is as large as in 1884 in half the counties in the State. There is an increase of five per cent. in the area of meadows compared to the previous year in 29 counties; ten per cent. increase in six counties; and fifteen per cent. increase in one county. In seven counties there is a decrease of five per cent. in the area compared to 1884; ten per cent. decrease in four counties; and fifteen per cent. decrease in one county. The condition of meadows is not up to an average except in thirty-three counties. The condition of meadows is not above an average except in one county. The condition is five per cent. below an average in twenty-eight counties; ten per cent. below an average in seventeen counties; fifteen per cent. below an average in thirteen counties; twenty per cent. below in eight counties; twenty-five per cent. below in one county and thirty per cent. below in one county.

PASTURES.

There is a decrease in the area of pastures as compared to the previous year. In all except twenty-seven counties the area of pastures is less than in 1884. In nineteen counties the area is five per cent. less than last season; in twenty-six counties ten per cent. less; in fourteen counties fifteen per cent. less; in twelve counties twenty per cent. less; in one county twenty-five per cent. less; in two counties thirty per cent. less; and in one county forty per cent. less. The season has been cold and unfavorable for the growth of grass which is up to an average in but twenty-nine counties. In seventeen counties the condition is five per cent. below an average; ten per cent. below in twenty-seven counties; fifteen per cent. below in seventeen counties; twenty per cent. below in seven counties; thirty per cent. below in three counties, and forty per cent. below in two counties.

LIVE STOCK.

The comparative number and condition of farm animals in each county in the State on the first of May is given elsewhere in this report. Attention is invited to the remarks of correspondents from each county in the State published elsewhere in this report concerning the general health of farm animals.

HORSES.

There is an increase in the number of horses as compared with last spring in the following counties, viz: Alexander, Calhoun, Cass, Champaign, Coles, Cumberland, Effingham, Franklin, Greene, Hancock, Jasper, Jo Daviess, Johnson, Kane, Knox, Madison, McHenry, Menard, Monroe, Montgomery, Pike, Putnam, Randolph, Sangamon, Tazewell, Vermilion, Warren and Williamson.

In the following counties there is a slight decrease in the number of horses since May 1, 1884, viz: Bond, Brown, Bureau, Carroll, Clark, Clinton, Crawford, DeKalb, DeWitt, Douglas, DuPage, Edgar, Fayette, Ford, Fulton, Gallatin, Greene, Hamilton, Henderson, Henry, Iroquois, Jefferson, Kankakee, Lake, LaSalle, Lawrence, Lee, Macon, Macoupin, Marion, Massac, McLean, Morgan, Ogle, Perry, Pulaski, Richland, Rock Island, Saline, Schuyler, Shelby, Stark and Stephenson.

In the counties not named above there has been no change worthy of note in the number of horses during the past year.

Horses are reported to be above an average in condition in the counties of Cass, Fayette, Greene, Hancock, Jo Daviess, Logan, Marion, Massac and McHenry.

In twenty-three counties the condition of horses is five per cent. below an average; in eleven counties ten per cent. below an average; in one county fifteen per cent. below an average.

CATTLE.

The table published elsewhere in this report gives the comparative number and condition of cattle the first of May in each county in the State. In the following counties a slight increase in the number of cattle as compared with May, 1884 is reported, viz: Bond, Calhoun, Carroll, Champaign, Clark, Cook, Fayette, Greene, Jo Daviess, Kane, Livingston, Marion, Monroe, Montgomery, Putnam, Richland, Stephenson, Union, Vermilion, Wayne and White. In twenty-two counties the number of cattle is five per cent. less than last season; in ten counties ten per cent. less; in two counties fifteen per cent. less; and in one county twenty per cent. less.

The past winter has been unusually cold and cattle, where not well sheltered and fed, are thin in flesh and much below the average in condition. In the counties of Carroll, Fayette, Greene, JoDaviess, Massac, McHenry, and Mercer cattle are reported to be in better than the average condition.

In thirty-two counties cattle are five per cent. below the average in condition; in twenty-seven counties, ten per cent. below an average; in five counties, fifteen per cent. below the average and twenty per cent. below the average in condition in thirty-one counties.

The condition of cattle May 1, is as follows in the counties entitled to precedence in point of number: LaSalle, 94 per cent. of an average; McLean, 91; Ogle, 98; McHenry, 101; DeKalb, 97; Henry, 94; Iroquois, 94; Bureau, 90; Knox, 95; Sangamon, 90, and Will, 89.

DAIRY COWS.

There is an increase reported in the number of dairy cows since May 1, 1884, as noted: Bureau, 105 per cent; Calhoun, 102; Carroll, 101; Champaign, 105; Christian, 102; Clark, 107; Clay, 105; Coles, 101; Cook, 103; Cumberland, 102; DeKalb, 101; DuPage, 106; Fayette, 102; Fulton, 101; Green, 105; Gundy, 105; JoDaviess, 101; Johnson, 102; Kankakee, 102; Knox, 103; Lake, 102; Lawrence, 102; Livingston, 102; Logan, 101; Macoupin, 106; Marshall and Massac, 102; McDonough and Menard, 103; Mercer, 110; Morgan, 105; Perry, 109; Pulaski, 105; Warren, White, Whitesines, 101, and Will 107. Among the thirty-seven counties named above as reporting an increase in the number of dairy cows during the past year, will be

found a number of counties in the southern portion of the State. Considerable interest in dairy farming is manifest in many of the southern counties where creameries and cheese factories have been established during the past twelve months.

In seventeen counties there is a decrease of five per cent. in the number of cows as compared to May 1884; ten per cent. less in four counties, and twenty per cent. less in two counties. Dairy cows are reported to be above an average in condition in the following counties: Carroll, 101 per cent.; Lake 103; Massac 106; McHenry 102, and Mercer 105. In forty-three counties dairy cows are reported up to an average in condition; five per cent. below an average in twenty-five counties; ten per cent. below in nineteen counties; fifteen per cent. below in seven counties; twenty per cent. below in two counties, and twenty-five per cent. below in one county.

HOGS.

There is a slight increase in the number of hogs as compared to May 1884, in the following counties, viz: Calhoun, 103 per cent.; Cumberland 101; Jo Daviess 101; Lake 102; Massac 105; St. Clair 101, and Union 102. In fifteen counties the number on hand is about the same as last season. In twenty-five counties there is five per cent. less hogs than last season; in twenty-four counties ten per cent. less; in six counties 15 per cent. less; in fourteen counties twenty per cent. less; in one county twenty-five per cent. less; in six counties thirty per cent. less; in one county thirty-five per cent. less, and in one county fifty-five per cent. less. The condition of hogs is generally below the average for May and in only ten counties are hogs above the average in condition.

There is much less complaint of diseases among hogs since the stock has been turned out to pasture.

In the remarks of correspondents from each county in the State published elsewhere it will be seen that there is likely to be a limited number of fat hogs for market the coming season. In twenty-two counties in the State the condition of hogs is five per cent. below the average; ten per cent. below in twenty-four counties; fifteen per cent. below in five counties, and twenty per cent. below in three counties.

SHEEP.

The number of sheep in the State is less than in May, 1884. The following are the only counties reporting an increase in the number of sheep during the past season Alexander 107 per cent; Bureau and Calhoun counties, 110; Champaign, 108; Clark, 101; Effingham, 102; Green, 107; Marion, 105; Moultrie, 112, Richland, 102, and Union, 102. In twenty counties the number of sheep is the same as last May; five per cent. less in twenty-two counties; ten per cent. lesss in twenty-two counties; fifteen per cent. less in six counties; twenty per cent. less in fifteen counties; twenty five per cent. less in two counties; thirty per cent. less in one county and thirty-five per cent. less in two counties.

Sheep have wintered well considering the extreme cold and protracted winter.

The most favorable reports as to the condition of sheep May 1, 1885, are as noted: Alexander, 105; Hamilton, 103; Marion, 105; Massac, 102, and Wayne, 103. Sheep are up to an average in condition in forty-seven counties; five per cent. below an average in twenty-four counties; ten per cent. below in twenty-one counties and twenty per cent. below an average in four counties.

The comparative number and condition of sheep May 1, is given in a table published elsewhere in this report for each county in the State.

WAGES PAID FARM HANDS.

It will be seen in the table published elsewhere in this report, giving the wages paid farm hands in each county in the State, that in the Northern and Central Divisions of the State, where a more diversified system of farming is pursued, that laborers are paid higher wages than in sections of the State where farm hands are employed during the few months required to seed and harvest wheat or any other special crop.

The average wages paid farm hands during the past six years in the Northern, Central and Southern Divisions of the State are given in the following table:

DIVISION.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
Northern	$1.00	$1.25	$19.50	$27.75
Central	0.75	1.00	17.75	25.00
Southern	0.75	1.00	15.00	21.25
Average	$0.83	$1.08	$17.42	$24.67

The wages paid farm help in the three divisions of the State, during the past six years, is given in the following tables:

NORTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880	$0.94	$1.15	$17.55	$25.25
1881	0.95	1.25	19.55	27.25
1882	1.05	1.40	21 40	29.75
1883	1.05	1.35	21.15	29.75
1884	1.00	1 25	20.50	29.00
1885	1.00	1 25	19.50	27.75
Average	$1.00	$1.27	$19.94	$28.12

CENTRAL DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880	$0.75	$1.00	$16.15	$22.65
1881	0.85	1.10	17.85	24.75
1882	0.90	1.20	18.65	25.80
1883	0.90	1.20	18.90	26.25
1884	1.00	1 25	18.75	25,75
1885	0.75	1;00	17.75	25.00
Average	$0.86	$1.12	$18.01	$25.03

SOUTHERN DIVISION.

YEAR.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880	$0.65	$0.95	$14.00	$20.45
1881	0.65	0.90	14.75	21.05
1882	0.65	0.90	14,55	21.00
1883	0.70	0.95	15.30	22.10
1884	0.75	1.00	15.25	22.25
1885	0.75	1.00	15.00	21.25
Average	$0.69	$0.94	$14.81	$21.35

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply, and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this department during the past nine years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,
Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The prospects are not as encouraging for winter wheat as the first of April. About three-fourths of the wheat in some localities was winter-killed, and the wheat that was not plowed up will hardly make half an average yield per acre. Rye is nearly up to average in condition. Oats look well and the area is some larger than last season. There is rather more old corn and wheat on hand than last April. Meadows are nearly up to an average in condition. Pastures are short. The area of meadows and pastures is about the same as last season. The season is backward and about one-half the usual area is plowed at this date. The supply of farm hands is larger than last season. Horses are in fair condition. Cattle, sheep and hogs are rather thin in flesh. There is a large decrease in the number of hogs as compared with May, 1885, and not quite as many cattle and sheep. It is rather early to determine the condition of fruit trees. The severe cold weather has injured most of the early and tender varieties of fruit. There is quite general complaint that one-half the bees have been winter-killed.

ALEXANDER—There has been no material improvement in the condition of wheat during the past month, and prospects are not encouraging for even two-thirds of an average yield per acre on the land not plowed up. Nearly one-half the late seeding of wheat is reported winter-killed. Rye promises about three-fourths of an average yield per acre. The area of oats is larger than last season, and the condition of the crop promises an average yield per acre. The supply of old corn and wheat in first hands is some larger than in May, 1884. Meadows and pastures are not quite up to an average in condition. The area of meadows is some larger than last season; area of pastures not as large as in 1884. About one-half the usual area was plowed up to May 1, 1885. Hogs and cattle are not up to the average in condition. Horses and sheep look well. There is a decrease in the number of cattle and hogs as compared to corresponding date in 1884. An average crop of apples is expected, and more peaches than for years; about an average crop of cherries and pears. Berries promies well.

BOND—There has been no improvement in the condition of wheat during the past month and the prospects are not encouraging for much over one-third of an average yield per acre. In some portions of the county fully three-fourths of the wheat has been winter-killed or otherwise destroyed. There are some promising fields of wheat on the river bottoms. Rye will make nearly half an average yield per acre. Nearly half the late seeding was winter-killed. The area of oats is much larger than last season, and from present prospects there will be nearly an average yield per acre. There is a limited amount of old corn and wheat in the county. The area of meadows and pastures is some larger than last season; condition nearly up to an average. About half the usual amount of spring plowing done. There is a slight increase in the number of cattle in the county compared with May, 1885. The number of hogs is about one-fifth less than last season; about the usual number horses, mules and sheep as last spring. Farm animals are about up to an average in condition. A large number of bees were killed by the extreme cold weather.

BOONE.—Winter wheat looks well and is up to an average in condition—the same may be said of rye. The area of spring wheat is nearly as large as last season and the prospects are encouraging for over three-fourths of an average yield per acre. The season has not been favorable for seeding oats—the area is less than last season and from present prospects there will not be two-thirds of an average yield per acre. The amount of old corn on hand is less than on the first of last May. Meadows and pastures are up to an average in condition and the area is as large as in 1884. Less than one-half the usual plowing was done May 1, and farmers are much behind in their work owing to the cold, backward season. Farm animals are in good condition and are generally healthy. The number of hogs and sheep is less than last season. It is rather early to determine the condition of fruit; the tender varieties are doubtless badly winter-killed.

BROWN—More than fifty per cent. of the late seeding of winter wheat was killed by the severe weather of the past winter. Much of the land will be plowed up and planted to corn. The area left standing will not make more than two-thirds of an average yield per acre. There was about the usual area of rye sown and its condition is good. The amount of old corn and wheat is considerably less than at a corresponding date last season. More oats were sown this spring than usual and the condition very fair. The number of

farm animals is not so large as last season, and their condition is not quite up to an average; health good excepting some complaint of grub among sheep. The condition of bees is worse than for many years past. Hundreds of hives have been winter-killed, and apiarists are very much discouraged. Peach trees are generally killed, but other fruits promise a fair crop.

BUREAU—Winter wheat is looking better than it did a month ago and promises a yield of about three-fourths of an average crop. A large area was winter-killed however, and will be plowed up and put in other crops. Rye is in better condition than wheat and will yield nearly an average crop. Meadows and pastures are in an average condition for May 1. More oats were sown this spring than usual, owing to the partial failure of wheat, and the condition is up to an average. There is fully double the amount of old corn and wheat on hand as compared with May 1, 1884. The supply of farm hands is above the average, and wages are about the same as last season. Farm animals are a little thin in flesh, and health is good, with the exception of horses, which have been afflicted with a slight form of distemper. About the usual area of corn land has been plowed to May 1. Bees are nearly all winter-killed.

CALHOUN.—There has been considerable improvement in the condition of wheat during the past month and with a favorable season there will be over three-fourths of an average yield per acre on the remaining wheat fields. In portions of the county fully two-thirds of the late seeding of wheat was winter-killed. Rye suffered as badly from the extreme winter as wheat and will hardly make half an average yield per acre. The area of oats is some larger than last season and the prospects are encouraging for an average yield per acre. The supply of old corn is much less than in May, 1884, and the quantity of wheat is about the same. The dry cold season has not been favorable for grass and meadows and pastures are not up to an average in condition—the area of pastures is larger than last season. About two-thirds of the usual plowing done May 1st is reported for this season. Farm animals are thin in flesh. The number of cattle, horses, hogs and sheep is some larger than last season. There are no complaints of disease among farm animals. The prospects for fruit are not encouraging.

CARROLL—About two-thirds of the wheat has been winter-killed and much of the land will be plowed up and planted to corn. The condition of that left standing is not encouraging for more than one-half an average yield per acre. There is an increased area of oats and the condition is fair. Meadows and pastures are doing well, with a larger area than last season. The amount of old corn on hand is much larger than at a corresponding date last season. The supply of farm laborers is larger than usual and wages are about the same as last year. There are more cattle and mules and fewer horses, hogs and sheep than at a corresponding date last season. The condition of live stock generally is good. Fully three-fourths of the bees are winter-killed. About two-thirds of the usual amount of plowing has been done.

CASS.—Nearly two-thirds of the late seeding of wheat was winter-killed. The wheat not plowed up will hardly make two thirds of an average yield per acre. Rye is nearly up to an average in condition and there are but few complaints of damage by the severe winter. The area of oats is some larger than last season and from present prospects there will be nearly an average yield per acre. The supply of old corn and wheat is fully as large as last season at corresponding date. Meadows and pastures look well and the area is as large as last season. The cold, dry season has not been favorable for spring work and but little over one-third of the usual amount of plowing has been done to May 1st. Horses and sheep are in good condition. Cattle and hogs are not up to an average in condition. The number of cattle, hogs and sheep is nearly as large as last season. The health of farm animals is generally good. Peaches are killed and tender varieties of fruit damaged during the winter. It is rather early to determine the condition of the late fruit. There is much complaint of loss of bees during the past winter.

CHAMPAIGN—The wheat prospect is not at all encouraging; fully three-fourths of the fall seeding was winter-killed and much of it will be plowed up and seeded with other crops. The condition of the wheat not plowed up will not make more than two-thirds of an average yield per acre. The same may be said of rye. The area of oats is much larger than that of last spring and the condition is fully up to the average. The supply of old corn is larger than at a corresponding date last season. Meadows and pastures are in very good condition; grass has grown finely during the past three weeks. There is a scarcity of farm laborers and wages are higher than usual. Farmers are about as far advanced as usual for May 1, with their plowing. All kinds of farm animals are in fair condition and health; in number live stock generally shows an increase over that of last season.

CHRISTIAN.—The prospects are not as encouraging for wheat as on the first of April and without favorable conditions until harvest there will not be one-third of an average yield per acre. Over three-fourths of the late seeding of wheat in some portions of the county has been plowed up owing to the damage sustained by the crop during the extreme cold winter and cold, dry spring. Nearly two-thirds of the rye was winter-killed. The rye not plowed up will make over three-fourths of an average yield per acre. The area of oats is some larger than last season and the condition is good considering the cold dry spring. Grass has made but little growth and it is not as far advanced as usual at this season. The area of meadows and pastures is some larger than in 1884. About one-third of the usual amount of spring plowing has been done. Farm animals are nearly up to an average in condition. There is a decrease in the number of cattle and hogs as compared to May, 1884. The supply of old corn and wheat is much less than usual for May. There is much complaint of loss of honey bees, attributed to the extreme cold and protracted winter. The fruit buds are not far enough developed to determine the prospects for the next fruit crop. There is no doubt but what peaches are all winter-killed.

CLARK—Three-fourths of the wheat is reported winter-killed in many portions of the county, and from present prospects the growing wheat will not make much over one-third of an average yield per acre. Rye is in about the same condition as wheat, with the exception that there is not quite as large per cent

winter-killed. Oats are nearly up to an average in condition, and the area is larger than last season. The supply of old corn and wheat is about as large as in May, 1884. Meadows and pastures are short, owing to the cold, backward season; the area is some larger than last season. About one-half the usual amount of spring plowing has been done. The number of cattle and sheep is some larger than in May, 1884, and the number of horses and hogs is nearly as large as last season. Farm animals are in fair condition and generally healthy. Peaches, cherries and other tender fruits are generally winter-killed. The season is so backward that it is difficult to determine the condition of the late and more hardy fruits. There is a good supply of farm laborers, and wages are being reduced by the majority of farmers.

CLAY—There is not more than one-third of the area of winter wheat sown last fall left standing, and its condition is not favorable for more than two-thirds of an average yield per acre. The area of oats sown this spring is much larger than usual and the condition fully up to an average. Meadows and pastures are in much better condition than usual at this date, May 1. The amount of old corn and wheat on hand is considerably less than at a corresponding date last season. There is a surplus of farm laborers, and wages are correspondingly low. About the usual amount of plowing has been done to May 1. Fruits of all kinds promise well, with the exception of peaches. Farm animals are about up to the average in condition, health and number. Bees are in good condition.

CLINTON—There has been some improvement in the condition of wheat during the past month, and the wheat not plowed up promises about three-fourths of an average yield per acre. Nearly two-thirds of the late seeding of wheat is reported winter-killed. Rye is up to an average in condition. The area of oats is much larger than last season, and the crop is up to an average in condition. The supply of old corn in the hands of the farmer is larger than in May, 1884, and the quantity of old wheat is about the same as at corresponding date last season. The area of meadows and pastures and pastures is some larger than last season. Meadows are above the average in condition, and pastures are making good growth. About one-half the usual plowing was done up to the first of May. The supply of farm hands is larger than last season, and the wages are lower. Sheep and cattle are in thin flesh; other farm animals are in good, seasonable condition. The number of hogs and sheep is some less than last season. Raspberries and peaches were damaged by the severe winter; other varieties of fruit promise well.

COLES.—There has been some improvement in the condition of wheat during the past month and the prospects are favorable for over half an average yield per acre. About three-fourths of the wheat was winter-killed in some portions of the county. Rye will make about three-fourths of an average yield per acre. Oats are nearly up to an average in condition and the area is larger than last season. There is not as much old corn in the county as in May 1884 and about the same amount of old wheat as last season. Meadows and pastures are not up to an average in condition—the area of meadows is not quite as large as last season. There is a large supply of farm laborers and wages are lower than last season. The cold backward season has been unfavorable for spring work and only about two-thirds the usual spring work was done up to May 1st. There is a decrease in the number of hogs and sheep as compared with corresponding date in 1884. Cattle, hogs and sheep are nearly up to an average in condition. There is much complaint of damage to fruit trees from the cold winter.

COOK—The limited area of winter wheat sown in this county is in good condition and the prospect is good for nearly an average yield per acre. The condition of winter rye is about the same as that of wheat. About the usual area of spring wheat is sown, and its condition is above the average. More oats were sown than usual and the condition is good. The same may be said of barley. Meadows and pastures are fully up to an average. There is very little old corn on hand, much less than usual at this date, May 1. There is a surplus of farm hands and wages are about the same as last season. Not more than half the usual amount of plowing has been done to date. There is the average number of live stock in the county for this season of the year. Farm animals are in good condition and are healthy.

CRAWFORD.—About one-half of the late seeding of wheat is reported winter-killed and the wheat not plowed up will hardly make half an average yield per acre. Rye promises over three-fourths of an average yield per acre. Oats are not quite up to an average in condition—the area is larger than last season. The supply of old corn and wheat in first hands is some larger than in May, 1884. The area of meadows is some larger than last season. Grass has made but little growth and meadows and pastures are much below an average in condition. There is an unusually large surplus of farm laborers and wages are below the average. About half the usual area was plowed to May 1st. There is a decrease in the number of farm animals compared with corresponding date last season. Live stock is thin in flesh and the poor condition of pastures give no encouragement for early improvement. The fruit prospects are not encouraging—the early and tender varieties of fruit are generally winter-killed except in sheltered places.

CUMBERLAND—There has been some improvement in the condition of winter wheat which will make nearly half an average yield per acre with favorable season until harvest. Nearly three-fourths of the late seeding of winter wheat was winter-killed. Rye looks well. The area of oats is some larger than last season and the condition gives encouragement for nearly an average yield per acre. The supply of old wheat and corn in the hands of farmers is some larger than in May, 1884. Meadows and pastures are up to an average in condition; the area of meadows is larger than in 1884. There is an abundant supply of farm laborers and wages are not as high as last season. The season is backward and but little over half the usual amount of spring plowing was done to the first of May. Farm animals are thin in flesh and generally healthy. There is a decrease in the number of hogs and sheep since May 1884. Farmers are giving more attention to breeding stock and find that grass pays better than grain.

DEKALB—The limited area of winter wheat in the county looks well. Rye is nearly up to an average in condition. The area

of spring wheat is some larger than last season, and the condition gives encouragement for nearly an average yield per acre. The condition of oats is nearly up to an average and the acreage about the same as in 1884. The area of barley is as large as that of the late harvest. The amount of old corn on hand is some larger than in May, 1884. Meadows and pastures are about up to an average in condition, and the area is as large as last season. The cold, backward season has retarded spring work, and less than one-half the usual amount of spring plowing has been done. Farm animals are in good condition and, excepting sheep, the number is as large as last season. About one-fourth of the honey bees perished during the past winter. The extent of the damage to fruit trees cannot be definitely determined until vegetation is further advanced. There is an increased supply of farm labor, which is obtained at lower rates than heretofore.

DEWITT—About two-thirds of the late seeding of wheat is reported winter-killed and the growing wheat promises over three-fourth of an average yield per acre—the same may be said of rye. The area of spring wheat is as large as last season, and the condition is up to an average. Oats promise well and the area is larger than last season. The supply of old corn and wheat in farmers' hands is some larger than last season. Meadows and pastures are up to an average in condition and the area is as large as last season. The cold, backward season has delayed farm work, and only about two-thirds of the usual amount of spring plowing was done up to May 1. Farm animals are in good seasonable condition. The number of cattle, horses, sheep and hogs is not quite as large as last season at corresponding date. The prospect for fruit cannot be determined until the buds have developed more. About one-half of the bees are reported winter-killed.

DOUGLAS—There has been some improvement in the condition of wheat during the past month and the prospects are encouraging for half an average yield per acre of wheat where not plowed up. Nearly two-thirds of the wheat has been plowed up in some portions of the county. Rye will make over three-fourths of an average yield per acre. Oats are nearly up to an average in condition and the area is some larger than last season. The supply of old corn is about the same as last May. The supply of old wheat in first hands is larger than last season at corresponding date. The area of meadows is some larger than in 1884. Grass has made but little growth this spring owing to the cold, backward season. Farm animals are thin in flesh. The number of hogs and sheep is less than last season. It is rather early to determine the condition of fruit, as the cold weather has not been favorable for the usual development of the buds.

DUPAGE—The limited area of winter wheat in the county promises but little over three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of spring wheat is some larger than last season; this crop is up to an average in condition. Oats have made but little growth and are not up to an average for May 1; the area is larger than last season. There is but little old corn or wheat in first hands. Meadows are nearly up to an average in condition and the area is about the same as in 1884. Farm animals are not quite up to the average in condition but are generally healthy; the number of horses, cattle and hogs is but little less than in 1884. There is quite a decrease in the number of sheep since last spring. Farmers are paying more attention to oats and less attention to corn than heretofore. The number of dairy cows is much larger than last season and the profits attending dairy farming are such as to direct more attention to this specialty each succeeding year.

EDGAR—About three-fourths of the late seeding of winter wheat is reported winter-killed, and the wheat not plowed up will make over three-fourths of an average yield per acre. Oats are nearly up to an average in condition and the area is some larger than last season. The supply of old corn and wheat in farmers' hands is larger than last season at corresponding date. Meadows and pastures are not up to an average in condition owing to the cold, dry season. The area of grass lands is about the same as last season. There is an increased supply of farm laborers as compared with the preceding year. The number of cattle, horses, sheep and hogs is less than last season. Farm work is not as far advanced as usual owing to the backward season. The area of corn will be unusually large owing to the failure of winter wheat.

EDWARDS—There has been but little improvement in the condition of winter wheat during the past month and the prospects are not encouraging for over three-fourths of an average yield per acre. About one half of the late seeding of wheat was winter-killed. Oats are nearly up to an average in condition and the area is one-fourth larger than last season. The supply of old wheat is some larger than last season. The area of meadows and pastures is some larger than in 1884. The condition of grass lands is not up to an average for the season. Cattle and hogs are in thin flesh. Horses look well and sheep are in fair condition. The number of hogs and sheep is not quite as large as in May, 1884. The fruit prospects are splendid. Farm work has been delayed by the cold, backward season.

EFFINGHAM—A very large proportion of the late seeding of wheat was winter-killed and the small acreage of wheat not plowed up will not make over three-fourths of an average yield per acre. Rye will make but little over three-fourths of an average yield per acre. Oats are in good condition and the area is one-third larger than last season. The supply of old corn and wheat is some larger than last season. The area of meadows and pastures is some larger than last season. Meadows are nearly up to an average in condition. Pastures have made but little growth this spring. Farm work is nearly as far advanced as usual for May 1. Farm animals are in poor condition, owing to the cold protracted winter. There is a large decrease in the number of hogs as compared to last season. The number of horses and sheep is some larger than last season. Small fruits are in good condition. Peaches generally winter killed. The prospects are encouraging for an abundant crop of apples. There are many complaints of bees having died from starvation and extreme cold the past winter.

FAYETTE—The prospects for wheat are more discouraging than a month ago, and hardly one-fourth of an average yield per acre will be realized. About three-fourths of the late seeding of wheat is reported winter-killed in some portions of the county. Rye

has wintered better than wheat, and will make nearly half an average yield per acre. Oats look well and the area is one-third larger than last season. There is more old corn on hand than in May, 1884, and about the same amount of wheat. The area of meadows and pastures is some larger than last season and the condition is nearly up to an average. There is an unusually large surplus of farm labor, and wages are lower than last spring. The season is backward, and but little over half the usual amount of plowing has been done to May 1. Farm animals are in good condition, and the number is about the same as last spring, with the exception of a slight decrease in the number of hogs. Farmers are inclined to give more attention to the raising of live stock than heretofore.

FORD—Rye is nearly up to an average in condition. The area seeded to oats is about the same as that of the preceding year; this crop is nearly up to an average in condition. The supply of old corn is some larger than last season. The area of meadows and pastures is some larger than in May, 1884. The season has been too cool and dry for the usual growth of grass, and meadows and pastures are not quite up to the average in condition Less then half the usual amount of spring plowing has been done to May 1. There is a large decrease in the number of hogs since spring, and the number of sheep is not as large. Farm animals are in fair condition and there are no complaints of disease among live stock. The season is not far enough advanced to determine the fruit prospects. There are many complaints of the poor condition of honey bees and the loss resulting from the extreme cold weather.

FRANKLIN—About two-thirds of the area of wheat is reported winter-killed and the growing wheat will not make even half an average yield per acre. Oats are nearly up to an average in condition, and the area is larger than last season. There is less old corn and wheat in farmers than May, 1884. Meadows and pastures are about up to an average in condition and the area is as large as that of the previous year. The season has been backward and the usual amount of spring plowing was not done to May 1. Farm animals, excepting hogs, are in good seasonable condition. The number of cattle, horses, sheep and hogs is about the same as last spring. There are no complaints of disease among domestic animals. There will be about an average crop of apples and small fruits.

FULTON—There has been some improvement in the condition of wheat during the past month and the standing wheat promises about two-thirds of an average yield per acre. Fully one-half the late seeding of fall wheat is reported winter-killed. Rye is nearly up to an average in condition. The area of oats is nearly as large as that of the previous year, and the crop is nearly up to an average in condition. The supply of old corn and wheat in first hands is not as large as in May, 1884, Grass has not made the usual growth owing to the cold, backward season. The area of meadows and pastures is as large as last season. Only about one-third of the usual amount of plowing was done to May 1. The supply of farm laborers is larger than last season and wages are some lower. Sheep are thin in flesh. Other farm animals are in seasonable condition, and, with the exception of hogs, the number is about the same as last spring. There was considerable complaint of loss of hogs by cholera during the past winter. The season is not far enough advanced to determine the fruit prospects.

GALLATIN—Wheat has made some improvement during the past month, and with favorable season until harvest will return about three-fourths of an average yield per acre. Nearly half the fall wheat was winter-killed. Oats have made but little growth owing to the cold, dry season and are not up to an average in condition; the area is some larger than last season. There is more old wheat and less old corn in first hands than in May, 1884. The area of meadows and pastures is not as large as last season. Pastures are much below the average in condition. Clover is badly winter-killed. There will be but few peaches. The prospects are encouraging for a large crop of apples and small fruits. There is a decrease in the number of cattle, horses and hogs as compared with the corresponding date in 1884 Stock, with the exception of sheep, are much below the average in condition. There has been an unusual loss of bees during the past winter. Farmers are advancing their spring work as rapidly as the backward season will permit.

GREENE—The condition of wheat is not as promising as one month ago and the present prospects are not encouraging for even one-third of an average yield per acre. Over three-fourths of the late seeding of fall wheat is reported winter-killed. Rye will make nearly three-fourths of an average yield per acre. Spring wheat looks well and the area is some larger than last season. Oats are up to an average in condition and the area is much larger than last season. Barley promises an average yield per acre and the seeding is as large as last season. There is not as much old corn and wheat in the hands of the farmer as on the first of May, 1884. About half the usual amount of spring plowing was done to the last of April. The supply of farm laborers is much larger than last season, but the cold backward season has greatly delayed farm work. There is an increase in the number of cattle and sheep as compared with May, 1884, and about the same number of horses and hogs as last season. With the exception of some few cases of cholera among hogs farm animals are healthy.

GRUNDY—Rye is making but little growth owing to the cold, backward season, and is not up to an average in condition. The area of oats is not as large as last season and unless the condition of the crop is greatly improved there will not be an average yield per acre. There is more old corn in the county and about the same amount of old wheat as in May, 1884. The area of meadows and pastures is some larger than last season. Grass has not made the usual growth owing to the cold, dry season. About one-half the usual amount of spring plowing up to May 1. The number of hogs and sheep is less than last season at corresponding date The number of cattle and horses is about the same as last spring. Farm animals are not up to an average in condition. There are no complaints of disease among live stock.

HAMILTON—There has been no improvement in the condition of wheat, which from present prospects will not make half an average yield per acre, Over half the late seeding of wheat was winter-killed, Rye will make about half an average yield per acre. Oats look well and the area is some larger

than last season. The supply of old corn and wheat is larger than last season. The condition of meadows and pastures is not up to the average, owing to the cold and backward season. The area of grass lands is some larger than last season. The supply of farm laborers largely exceeds that of the preceeding year, and wages are correspondingly lower. There is a large decrease in the number of farm animals as compared with May, 1884. There is more distemper among horses than usual; otherwise farm animals are healthy. Stock is not up to an average in condition owing to the cold protracted winter.

HANCOCK — About one-half of the late seeding of wheat is reported winter-killed and the wheat not plowed up will hardly make two-thirds of an average yield per acre. Rye is up to an average in condition. The area of oats is some larger than last season, and from present prospects there will be more than an average yield per acre. The area of meadows is not as large as last season. Grass has made but little growth and is not up to an average in condition. The supply of farm labor is larger than in May, 1884. About one-third of the usual amount of spring plowing was done to May 1. Farm animals are in good condition. The number of hogs is less than last season at corresponding date. The soil is wet and cold and the flat, undrained land will not be in condition to plow for some time. On the river bottoms where there is some sand the soil is in good condition for plowing, and planting is well advanced. In some portions of the county about three-fourths of the honey bees are reported winter-killed.

HARDIN—About half the fall wheat was winter-killed and the growing wheat will make about two-thirds of an average yield per acre. There has been but little improvement in the condition of wheat during the past month. The area of oats is not as large as last season and judging from present prospects there will not be more than three-fourths of an average yield per acre. The supply of old corn in first hands is some larger than last May. There is not as much old wheat in farmers' hands as last spring at corresponding date. Grass has made but little growth this season and meadows and pastures are much below the average in condition; the area of grass lands is about the same as in 1884. Spring work has been delayed by the backward season and crops will be late. The number of cattle, hogs and sheep is less than last season. Farm animals are thin in flesh, but generally healthy. The prospects are encouraging for a large crop of fruit. The supply of farm laborers is not as large as May 1, 1884.

HENDERSON—Winter wheat is not in as good condition as a month ago and from present prospects will not make three-fourths of an average yield per acre. Nearly two-thirds of the late seeding of winter wheat is reported winter-killed. Rye is nearly up to an average in condition. Spring wheat looks well and the area is nearly as large as in 1884. Oats are about up to the average in condition and the area is nearly as large as last season. The supply of old corn and wheat in first hands is not as large as at corresponding date in 1884. Meadows and pastures are not up to an average in condition—the area is about the same as last season. The cold, backward season has delayed farm work and only about two-thirds of the usual amount of plowing was done up to May 1. The condition of farm animals is nearly up to an average and with the exception of hogs, the number is about the same as in May, 1884. It is rather early to determine the fruit prospects; the buds are just beginning to swell.

HENRY—There has been some improvement in the condition of fall wheat during the past month and with favorable season until harvest there will be nearly an average yield per acre. Rye is reported to have been seriously injured by the severe winter. Spring wheat is nearly up to an average in condition; the area is much larger than last season. Oats have not made usual growth owing to the cold, dry season; the area is some larger than last season. The supply of old corn in farmers hands is larger than last season at corresponding date. The area of meadows and pastures is as large as last season and the condition of grass is nearly up to an average. Only about one-half the usual amount of spring plowing was done to May 1. The supply of farm laborers is about the same as in 1884. The number of farm animals is nearly as large as last season at corresponding date. Live stock is generally healthy but thin in flesh. There is considerable complaint of loss of bees during the past winter.

IROQUOIS—Winter wheat is nearly up to an average in condition; the area devoted to this crop in the county is quite limited. Rye is nearly up to an average in condition. Oats have not made satisfactory growth this spring and from present prospects there will not be much over three-fourths of an average yield per acre; the area of oats is some less than that of 1884. There is more old corn and less old wheat in the hands of the producer than last season at corresponding date. Meadows and pastures are up to an average in condition and the area is as large as last season. The supply of farm laborers is much larger than in May, 1884, and wages are lower. About two-thirds of the usual amount of spring plowing was done to the first of May. There is a large decrease in the number of hogs and sheep as compared to corresponding date last season. Farm animals are nearly up to an average in condition and there are no complaints of disease. The season is not far enough advanced to determine the fruit prospects.

JACKSON—The prospects of fall wheat are not encouraging for even half an average yield per acre. Over half the late seeding of wheat is reported winter-killed. Rye will not make three-fourths of an average yield per acre. Oats are nearly up to an average in condition and the area is larger than that of the preceding year. The supply of old wheat and corn in the hands of the farmers is not as large as in April, 1885. Meadows are much below the average in condition and the area is some larger than last season. There is considerable reduction in the area of pastures as compared to the previous year. Pastures are in much better condition than meadows. Spring work on the farm has been greatly delayed owing to the cold, backward season. Farm animals are in good seasonable condition and the number is about the same as last spring. With the exception of a few cases of cholera among hogs, farm animals and healthy. Prospects are encouraging for a fair crop of all kinds of fruit except peaches.

JASPER—The prospects are not as encouraging for wheat as on the first of April and with favorable season until harvest there will not be half an average yield per acre.

About three-fourths of the wheat seeded last fall is winter-killed. Rye will not make two-thirds of an average yield per acre. About one-third of the rye seeded last fall is reported winter-killed. The area of oats is some larger than last season and the condition of this crop gives encouragement for an average yield per acre. The supply of old corn and wheat in the hands of the producer May 1, 1885, is less than at the corresponding date last season. Meadows and pastures are in good condition and the area is some larger than last season. The season has been very cold, and only about three-fourths of the usual amount of spring plowing has been done to May 1. There is a decrease in the number of hogs and sheep as compared to the previous spring and a slight increase in the number of horses. Hogs are in thin condition; other farm animals are looking well. Some cattle have been affected with ergot, and one herd was affected with lung trouble, which is pronounced not to be pleuro-pneumonia by the State Veterinarian.

JEFFERSON—The prospects for wheat are not as good as on the first of April and less than half an average yield per acre is expected. Nearly one-half the wheat seeded last fall is reported winter-killed. Rye will make but little over half an average yield per acre and fully one-third of the late seeding was winter-killed. Oats are nearly up to an average in condition and the area is some larger than last season. Barley looks well and the area is as large as in 1884. The supply of old wheat and corn in the hands of the farmers is not as large as in May last. The area of meadows and pastures is some larger than last season and the condition is nearly up to an average. There is an unusually large supply of farm labores and wages are not as large as last season There is a decrease in the number of cattle, horses and hogs as compared with the previous year. Hogs are not in good condition; other farm animals are not quite up to an average in condition. There are no complaints of disease among domestic animals.

JERSEY--There has been no improvement in the condition of wheat during the past month and the general complaint among farmers is that the wheat is badly winter-killed. The prospect has seldom been more discouraging for wheat growers than this season. Rye has not been seriously damaged during the past winter and will make nearly an average yield per acre. Oats look well and the area is larger than last season. The supply of old corn and wheat is not as large as in May, 1884. There is a slight increase in the area of meadows since last spring. Meadows look well and pastures are nearly up to an average in condition. There has been but about one-fourth the usual amount of spring plowing done to May 1, as compared to same date in average seasons Cattle and horses are not up to an average in condition. There is a decrease in the number of cattle and hogs as compared to the previous May. Live stock is generally healthy.

JODAVIESS—About three-fourths of the area of fall wheat is reported winter-killed and the standing wheat will not make much over half an average yield per acre. Rye looks well, The area of spring wheat is not as large as last season, and from present prospects there will not be much over three-fourths of an average yield per acre. Oats look well and the area is nearly as large as last season. The supply of old corn and wheat is not as large as last season. The area of meadows and pastures exceeds that of the previous year. The season has been dry and cold and grass has not made usual growth. Farm work, owing to the cold weather, is not as far advanced as usual on May 1, notwithstanding the fact that there is an unusually large supply of farm laborers. Farm animals are in good condition, and excepting sheep, the number is as large as in May, 1884.

JOHNSON—The prospect for an average crop of winter wheat is not as good as on April 1. Fully one-half of the fall seeding is winter-killed, and will be plowed up for other crops. The wheat not plowed up will not make more than one-third of an average yield per acre. Rye is only in fair condition. The oats area of this county is increased fully 25 per cent. over that of last year. Meadows and pastures are very backward for May 1. More plowing has been done than usual for this date. The supply of old corn and wheat is some larger than in 1884 at a corresponding date. Wages for farm labor are about the same as last season. The fruit prospect is very fair. The bloom indicates a good crop of apples and peaches. Farm animals are thin in flesh, but healthy.

KANE.—Winter wheat looks well and with favorable season will make an average yield per acre. Rye is nearly up to an average in condition. The area of spring wheat is not as large as last season, and the condition is not quite up to an average. The area of oats is some larger than in 1884, and the crop is nearly up to an average in condition. Barley looks well and the area is as large as in 1884. The supply of old corn and wheat is larger than in May, 1884. Meadows and pastures are nearly up to an average in condition and the area is as large as last season. There is a large surplus of farm laborers, and wages are lower than last season. The farm work is not as far advanced as usual owing to the cold backward spring. Farm animals are in good condition. The number of hogs and sheep is not quite as large as in 1884. There is a slight increase in the number of cattle and horses as compared to the previous May. It is rather early to determine the fruit prospects. The tender varieties of fruit have been seriously damaged by the extreme cold weather the past winter.

KANKAKEE—The prospect for an average wheat crop is not very encouraging. Fully one-third of the late seeding was winter-killed and the prospect is not good for more than three-fourths of an average crop. Winter rye is in good condition and an average crop may be expected. Meadows and pastures are very backward owing to the cold, unseasonable weather. The condition of oats is not up to an average; the area is about the same as last year. There is consinerable old corn on hand; fully a third more than last season at a corresponding date. The number, condition and health of farm animals is about an average. Fruit prospects are not good; raspberries, blackberries, peaches, pears and all other tender varieties are badly winter-killed. There will be a partial crop of apples and plums.

KENDALL—There is less winter wheat raised in this county than any other in the State. The area is so small as to make it unworthy of mention. About the usual area of

spring wheat has been sown and the condition is about the average. The area of oats sown is not quite as large as last season and the condition is hardly up to the average. Rye has wintered very well, having been protected by the snow throughout the winter. The supply of old corn on hand May 1, is about the same as last season at a corresponding date. Meadows and pastures are very backward, but are looking very well. The fruit prospect is not very flattering; hardly far enough advanced to form an estimate. The condition of farm animals is very good; no disease of any kind among them. Fully 50 per cent. of the bees are killed and many very weak swarms left.

KNOX—There has been some improvement in the condition of winter wheat during the past, and from present prospects there will be over three-fourths of an average yield per acre. Rye is nearly up to an average in condition. Spring wheat looks well and the area is larger than last season There is more old corn in first hands than last season at corresponding date. Meadows and pastures look well and the area is as large as last season. There is a large supply of farm hands and wages are low. About one-third of the usual amount of plowing has been done to date and farmers have been delayed by the cold, backward season. There is a slight increase in the number of horses as compared with May, 1884, about the same number of cattle and a slight decrease in the number of hogs and sheep. Farm animals are in good, seasonable condition and there are no complaints of disease. It is rather early to determine the fruit prospects. There is general complaint that bees are winter-killed. There is more attention paid each succeeding year by the farmers of the county to the breeding of improved stock.

LAKE—The limited area of winter wheat sown in this county is looking very fair, although not as well as was expected April 1. Rye is in very good condition; very little of it winter-killed owing to the heavy snows during the unfavorable season. Spring wheat is very late in getting a start; the area and condition is about an average for May 1. Meadows and pastures are backward; the grass has just begun to grow. The fruit prospect is fair. Many fruit trees were killed by the severe winter. The amount of old corn on hands May 1 is much larger than at a corresponding date last season. About two-thirds of the usual amount of plowing has been done. Wages about the same as last year. Farm animals are in fair condition and health but are less in number than last season.

LASALLE—The wheat area of this county is about up to an average, and the condition. The same may be said of rye. The area of oats sown is not up to the average, and the condition is not as good as usual. The grass has made but little start, and meadow and pastures are far behind the average for May 1. The prospect is very poor indeed for small fruits, but apples and cherries promise about the average crop. The amount of old corn on hand is not as large as last season at a corresponding date. The condition and health of farm animals has seldom been better. Many hives of bees have been winter-killed, leaving the hives full of honey; fully 50 per cent. have been lost.

LAWRENCE—The prospect for an average crop of winter wheat is about the same as on April 1; fully one-half of the wheat was winter-killed, and it is a fair estimate that the yield per acre will not be more than 50 per cent of an average. The oats area has been increased, owing to the partial failure of the wheat crop. Barley is nearly up to an average and condition The supply of old corn and wheat is not larger than necessary for bread and seed. There is a fair prospect for all kinds of fruit, excepting peaches and blackberries. Farm animals are fully up to the average in number and condition and no disease is reported among them. Farm laborers are scarce, and wages are higher than last season.

LEE—There will be about three-fourths of an average yield per acre of winter wheat, and nearly an average yield per acre of rye. The area of spring wheat is some larger than last season and the condition gives encouragement for an average yield per acre. Oats are not quite up to an average in condition and the area is nearly as large as last season; the same may be said of barley. The supply of old corn and wheat in first hands is some larger than in May, 1884. Meadows and pastures are nearly up to an average in condition and the area is some larger than last season. About two-thirds of the usual amount of spring plowing was done to May 1. The supply of farm hands is larger than usual, and prices are correspondingly low. Farm animals are in good seasonable condition, and the number is about as large as in May, 1884. It is rather early to determine the fruit prospects. There is considerable complaint that bees are largely winter-killed. Farmers are giving more attention each succeeding year to the breeding of improved stock.

LIVINGSTON—The condition of winter wheat is not up to an average, but promises three-fourths of an average yield per acre. The dry winds in March made the wheat look dead, but the rains in April has greatly revived it. Rye is in very good growing condition, and promises a four-fifths yield per acre. About one-fourth of the crop was winter-killed. Oats are in better condition than an average, and the area is much larger than in 1884. These is an increased area of meadows, and the condition is about an average. Much less plowing done than usual owing to the cold and unseasonable weather. Pastures are injured greatly in many places by stock being permitted to run on them during the winter. There is about the usual supply of farm hands and wages are about the same as last season. It is too early yet to determine the fruit prospects. The number of farm animals is about the same as last year at a corresponding date, and their condition is generally good. The damage to honey bees was very great, fully 50 per cent. winter-killed.

LOGAN — Winter wheat where exposed to cold winds is almost a total failure. That sown on timber lands is in better condition. Fully three-fourths of the wheat has been winter-killed, and the prospect is not good for more than two-thirds of a crop on that not plowed up. Rye promises a good crop, and is in very good condition. Meadows look well. There is about the same amount of old corn and wheat on hand as at a corresponding date in 1884. The prospect for all kinds of fruit except peaches is fair. Not more than two-thirds of the usual amount of plowing has been done to May 1. The number of cattle, hogs and sheep is less than usual, whilst that of horses and mules is fully up to the average. The supply of

farm hands is larger than usual and wages are correspondingly low. Through negligence many bees were lost, but where properly cared for are in good condition.

MACON—About four-fifths of the wheat has been winter-killed, and a large portion of the land plowed up for oats and corn. The wheat that is left for harvest will not make more than three-fourths of an average yield per acre. There is a larger area of oats sown than usual and the condition is very good. Meadows are in fair condition, with about the usual area. The backward spring has prevented the grass from growing, and pastures are not quite up to the average. Peaches, cherries and small fruits will be a failure, but apples promise a fair crop. There is less old corn and more old wheat on hand than at a corresponding date in 1884. There is a very general decrease in the number of all kinds of farm animals; condition very good, with no complaint of disease. The supply of farm hands is in excess of the demand, and wages are correspondingly low. Bees are nearly all winter-killed.

MACOUPIN—There has been no improvement in the condition of wheat during the past month and from present prospects there will be about one-third of an average yield per acre of wheat on the land not plowed up; over three-fourths of the late seeding of wheat is reported winter-killed. Rye is nearly up to an average in condition. The area of oats is one-fourth larger than last season—the condition is nearly up to the average. The supply of old corn and wheat is some larger than at corresponding date in 1884. The area of meadows and pastures is some larger than last season; the growth of grass has not been as rapid as usual, owing to the cold, backward season. The supply of farm laborers is much larger than last season and wages are some lower. About one-third of the usual amount of spring plowing was done to May 1. The number of farm animals is not quite as large as last season. Stock is not up to an average in condition for the season. It is rather early to determine the fruit prospects. Peaches are doubtless winter-kill d and early and tender varieties of fruit are damaged.

MADISON—There has been some improvement in the condition of wheat during the past month, and with favorable conditions until harvest there will be about half an average yield per acre of wheat on the crop left standing; over three-fourths of the late seeding of wheat is reported winter-killed. Rye will make over three-fourths of an average yield per acre. Oats are above an average in condition and the area is one-half larger than last season. The supply of old corn and wheat in first hands is larger than in May, 1884. Meadows and pastures are up to an average in condition. The area of grass lands is some larger than last season. The supply of farm hands is larger than usual and wages are some lower than heretofore. About two-thirds of the usual amount of spring plowing was done up to May 1. Farm animals are up to an average in condition, and with the exeeption of hogs the number is as large as last season. Apples, plums, cherries and strawberries promise well.

MARION—About one fourth of the late seeding of wheat has been winter-killed and will be plowed up and planted to corn. The present prospects are encouraging for two-thirds of an average yield per acre. Spring wheat is in good condition, and an average crop may be expected from the limited area sown in this county. A larger area of oats than usual have been sown, and the condition is better than an average for May 1. The amount of old corn and wheat on hand is about the same as at a corresponding date last year. The supply of farm laborers is greater than the demand, and wages are correspondingly low. The fruit prospect is better than usual, exeepting for peaches. Apple, cherry and pear trees are in full bloom. The number of live stock is generally increased, and their condition, though a little thin in flesh, is good and healthy. A large number of bees have been winter-killed.

MARSHALL—Very little winter wheat is sown in this county. Rye generally, looks well; the early sown is in good condition. About one-third of the late seeding was winter-killed. Oats are in good growing condition and the area is increased over that of last season. Meadows and pastures are short for this season of the year, owing to the late frosts and dry weather in the first half of April. There is about the usual amount of old corn on hand. About one-half of the average amount of plowing has been done to May, 1. The supply of farm laborers is about as usual and wages are about the same as last year. Farm animals are about an average in number, condition and health. It is early yet to determine the fruit prospects. Fully one-half of the bees are winter-killed.

MASON—Fully two-thirds of the wheat has been winter-killed, and what remains is badly spotted. The prospects are not good for much more than half an average yield per acre. The limited area of rye sown in this county is not worthy of mention. The area of oats sown is larger than last season, and the prospect for an average crop is good. More than the usual amount of clover and timothy has been sown, and meadows are very fair in condition. The fruit prospect is not good. The amount of old corn and wheat on hand is about the same as last year at a corresponding date. Not more than one-fourth of the usual amount of plowing has been done to May 1. There is a good supply of farm laborers, and wages are fair. Farm animals are a little thin in flesh, but are generally healthy. About one-half of the bees of the county are winter-killed.

MASSAC—The winter wheat is fully one-half killed, and the prospect for even half an average yield per acre on that living is not flattering. The partial failure of the wheat will increase the area of oats and corn. The same may be said of rye. As a general thing meadows look well, but are a little backward, owing to the cold weather and want of rain. Farmers are giving much more attention to pastures, and the condition is very good. The supply of old corn and wheat is greater than at a corresponding date last season. About the usual amount of plowing has been done to May 1. Farm hands are plenty, and wages are low. Live stock is generally in fair order and healthy. There is about the average number of horses, cattle and sheep. Very few bees are kept in this county, and no complaints are reported,

McDONOUGH—About one-half of the late seeding of wheat has been winter-killed, and the prospects are not encouraging for more than a half crop on that not plowed up. Rye and spring wheat look very well, and nearly

an average yield per acre may be expected. About the usual area of oats have been sown, and the prospect for an average crop is good. The amount of old corn and wheat on hand is some larger than at a corresponding date in 1884. Not more than one-third of the usual amount of plowing has been done to May 1. The supply of farm laborers is about an average, and wages are about the same as last season. Farm animals are in fair condition and health. Fully sixty per cent. of the bees are winter-killed.

McHENRY—Winter wheat has made some improvement during the past month and now promises nearly an average yield per acre. Rye and spring wheat are up to an average in condition. The area of spring wheat is not as large as last season. Oats look well and the area is nearly as large as last season. The seeding of barley is not as large as last season—condition up to an average. The supply of corn in first hands is some larger than in May, 1884. The area of meadows is some larger than last season and the area of pastures is not quite as large as in 1884. Grass has not made usual growth owning to the cold, backward season. About half the usual amount of spring plowing has been done. Farm animals are in much better condition than usual at this season, especially when the long, cold weather is considered. There is a decrease in the number of sheep as compared with corresponding date last season. The supply of farm hands is some larger than last season. The past winter has been quite severe on the apiaries and in some localities three-fourths of the bees were winter killed. Farmers are advancing spring work as rapidly as the season will permit.

McLEAN—The condition of wheat is anything but encouraging. About seventy per cent. of the area sown was winter-killed, and is being plowed up for other crops. The condition of that left standing is not flattering. The present indications are that the wheat crop will be nearly a failure. Meadows and pastures are in fair condition, with an increased area as compared with last season. The prospect for a fruit crop is poor indeed. Peaches and pears are nearly all winter-killed and apples were seriously damaged by the severe winter. The health of farm animals is good but are thin in flesh. The amount of old corn and wheat is nearly the same as at a corresponding date last season. Hands plenty and wages low. About one-half the usual amount of plowing has been done to May 1. The loss of bees is greater than any season for 20 years past; fully seventy-five per cent. winter-killed.

MENARD—Abont two-thirds of the wheat has been winter-killed and will be plowed up and put in other crops. The wheat not winter-killed is not in good condition and the prospect is not good for more than half an average yield per acre. More oats have been sown this spring than usual and there will also be an increased area of corn planted, owing to the partial failure of wheat. Meadows and pastures have not done well owing to the cold, backward season. The supply of old corn and wheat on hand is about the same as last season at a corresponding date. The season is so backward that it is difficult to give anything like a fair report of the fruit prospect. It has been very wet for the past two weeks, consequently not more than half the usual amount of plowing has been done. Farm laborers are plenty and wages low. More than one-half of the bees are winter-killed.

MERCER—About one fourth of the late seeding of wheat has been winter-killed. The prospects for three-fourths of an average yield per acre is good. Rye is in some better condition than wheat. More oats has been sown than usual and the condition is about an average for May 1st. Farmers are paying more attention to clover and timothy than usual, but owing to the backward season grass has not made much growth. There is very little old corn and wheat on hand. The supply of farm laborers is fully equal to the demand. Wages are about the same as least season. About one-half of the usual amount of plowing has been done to to May 1. There are fewer cattle and sheep and about an average number of horses, mules and hogs as compared with May 1, 1884. Bees are nearly all winter-killed.

MONROE—More than two-thirds of the wheat has been winter-killed, and the land has been plowed up for other crops. That which is not plowed up looks tolerably well and begins to give encouragement for three-fourths of an average yield per acre. Rye stood the winter much better than wheat and will make about an average crop. Oats are looking fine, and the area has been increased nearly fifty per cent. above the average, owing to the partial failure of wheat. There is very little old corn and wheat in the county. Meadows and pastures are doing very well and the area of each is larger than that of last season. Farm hands are plenty and wages are low. Not quite the average amount of plowing done to May 1. Farm animals are in fair condition and health. There will be a fair crop of apples, but no peaches; all winter-killed.

MONTGOMERY—Winter wheat has made some improvement during the past month, and with favorable conditions until harvest will make nearly half an average yield per acre. Over three-fourths of the wheat in portions of the county is reported winter-killed. About two-thirds of the late seeding of rye is winter-killed, and that remaining will not make two-thirds of an average yield per acre. There is a large increase in the area of oats compared with the previous season and the crop is nearly up to an average in condition. Barley looks well and the area is as large as in 1884. The amount of old corn on hand is about the same as May 1, 1884, and there is nearly as much old wheat. There is an increase in the area of meadows and pastures over that of the previous year. Grass has not made usual growth owing to cold, dry spring. There is an unusual surplus of farm laborers this season and wages are lower than usual. About two-thirds of the usual amount of spring plowing done to May 1 has been accomplished this season. There is an increase in the number of horses and cattle as compared with May, 1884, and a slight decrease in the number of hogs. Farm animals are about up to an average in condition.

MORGAN—In some localities wheat has been badly winter-killed, and many farmers have plowed up the land for corn, and others have drilled oats on the wheat. The prospect is very discouraging to farmers. No rye sown in this county, except for pasturage. Meadows and pastures are in very fair condition, the late rains having brought out

the grass very rapidly. Oats are looking finely, and the area sown is much larger than that of last season. There is a very small amount of old corn and wheat on hand compared with last season. Not more than half the usual amount of plowing has been done to May 1. The supply of farm hands is fully up to the demand, and wages are correspondingly low. It is early to determine the prospect for fruit All farm stock in good condition and healthy.

MOULTRIE—About two-thirds of the wheat was winter-killed and will be plowed up and planted in corn. That not winter-killed will not make more than half an average yield per acre. Rye is not raised to any extent in this county. More oats than usual have been sown and the prospect is favorable for a full average crop. Meadows and pastures are in good condition, but a little short, owing to the cold weather. The amount of old corn and wheat on hand May 1 is not as large as in 1884 at a corresponding date. The prospect for fruit is not good; there will be a partial crop of apples, cherries and pears, but no peaches. Farm animals are in very fair condition and health. Not more than half the usual amount of plowing has been done to May 1. The supply of farm hands is in excess of the demand and wages are low.

OGLE—Not more than one-half the winter wheat is worth letting stand for harvest, owing to the large area winter-killed. In protected places in timber the wheat is in fair condition, and the prospect is encouraging for a three-fourths yield per acre. There is not as large an area of spring wheat sown as last season and the condition is good. Rye was nearly all winter-killed and plowed up for oats and corn. The area of oats is less than that of last season and the condition is nearly an average. The farmers have on hand about one-third of their old wheat and corn of the crop of 1884. Meadows and pastures are not up to the average in condition. There is a good supply of farm laborers and wages are high. About one-half the usual amount of plowing has been done. Farm animals are about an average in number, condition and health.

PEORIA—The condition of wheat is more promising than on the first of April. With favorable season there will be about three-fourths of an average yield per acre. Nearly one-half the area of wheat was winter-killed. Rye is nearly up to an average in condition; nearly one-third of the late seeding was winter-killed. The area of spring wheat is not as large as last season and the condition is below an average. The season has not been favorable for the growth of oats, which promise but little over three-fourths of an average yield per acre; the area is about as large as last season. There is a limited supply of old wheat in first hands, and more old corn than last season at corresponding date. Grass has made but little growth this season, and meadows and pastures are not up to an average. The area of meadows is not quite as large as last season, and there is a slight increase in the area of pastures. The supply of farm hands is larger than usual, and wages are not as high as in 1884. The cold spring has delayed farm work and only about half the usual amount of spring plowing has been done. Bee keepers report that a large proportion of their bees were winter-killed.

PERRY—About one-half the area seeded to wheat last fall is reported winter-killed, and the wheat not plowed up will make but little over half an average yield per acre. Rye will make over three-fourths of an average yield per acre. Oats promise well and the area is some larger than last season. The supply of old corn and wheat in farmers' hands is larger than in May, 1884. Meadows and pastures are nearly up to an average in condition, and the area is some larger than last season. About three-fourths of the usual amount of spring plowing was done to May 1. There is an abundant supply of farm labor, and wages are correspondingly low. Farm animals are in thin flesh and, with the exception of hogs, the number of head of stock is about the same as last season. Apples, plums and cherries promise well. Peaches and blackberries are generally winter-killed.

PIATT—About sixty per cent. of the late seeding of wheat was winter-killed and much of it has been plowed up for other crops. The prospect is not encouraging for much more than a half crop on the ground not plowed up. The same can be said of rye. Oats are in good condition, and the area sown is above the average. Meadows and pastures have stood the winter very well, but the grass is short, owing to the cold weather. There is very little old corn and wheat in the hands of the farmers of this county. Farm animals are about an average in condition, number and health. The supply of farm hands is about the average, and wages are fair. About the usual amount of plowing has been done to May 1st. Most all the bees have been winter-killed.

PIKE—There has been but slight improvement in the condition of winter wheat during the past month, and from present prospects there will not be one-third of an average yield per acre. In some localities over three-fourths of the late seeding of wheat was winter-killed. The limited area of rye not winter-killed is nearly up to an average in condition. Oats look well, and the area is about one half larger than last season. The supply of old wheat and corn is some larger than in May, 1884. Grass has not made as much growth as usual in April. The area of meadows and pastures is as large as last season. About one-third of the usual amount of spring plowing has been done. The cold, backward season has greatly delayed spring work. The number of farm animals compares favorably with last spring, and the condition is nearly up to an average. Fruit prospects not encouraging; peaches winter-killed. There will not be over half a crop of cherries and but few blackberries. There is much complaint among bee keepers that the bees have been generally winter-killed.

PULASKI—Three-fourths of the wheat has been winter-killed, and fully twenty-five per cent. will be plowed up. The prospect is not encouraging for more than three-fourths of an average yield per acre on that not plowed up. There is an increased area of oats sown in this county, and the condition is good. Meadows and pastures are looking very well considering the cold, dry spring. The fruit prospect is better than for several years. Strawberries are doing finely; an increased area, and will yield well; will commence shipping in ten days from this date, May 1. Farm animals are in fair condition and health. More plowing has been done to date than usual. Very little old corn or wheat in the hands of farmers. Fifty per cent. of the bees have been winter-killed.

PUTNAM—About forty per cent. of the late seeding of wheat was winter-killed. Very little of the wheat will be plowed up,

and the prospect is good for a three-fourths crop. More spring wheat has been sown than usual and its condition is about the average. The acreage of oats sown is not as large as last season; condition good. The amount of old corn and wheat in the hands of the farmer is not as large as usual. The supply of farm hands is in excess of the demand and wages are very fair. Farm animals are in good condition and health. But little over one-half of the usual amount of plowing has been done to May 1. The prospects for a crop of small fruits is favorable. A great many bees have been winter-killed.

RANDOLPH—About forty per cent. of the wheat was winter-killed. The prospect for a three-fourths crop is favorable. Rye looks well and the area is about an average. More oats have been sown than usual and the condition is above the average. The supply of old corn and wheat on hand is very small. There will be a largely increased area of corn planted this season. About the usual amount of plowing has been done to May 1. The supply of farm laborers is greater than the demand and labor is correspondingly low. Live stock is in fair condition and healthy. The prospects for small fruits is good. Apples and pears will make an average crop. No peaches excepting a few seedlings. The health of farm animals is good, but their condition is poor owning to a scarcity of feed. Bees nearly all winter-killed.

RICHLAND—Nearly one-half of the late seeding of wheat was winter-killed. The prospect is not encouraging for more than a half crop. More than the usual area of oats have been sown, and the condition is good. The supply of old corn and wheat in the hands of the farmer is smaller than usual. Farmers are gradually increasing the area of meadows and pastures. The prospect is good for a full crop of apples, plums and pears No peaches or berries. The health of farm animals is generally good; condition, a little thin in flesh. About the usual amount of plowing has been done to May 1. Laborers plenty, and wages comparatively low. Bees greatly damaged by the extreme cold during the past winter.

ROCK ISLAND —There will be nearly two-thirds of an average yield per acre of winter wheat. Rye promises over three-fourths of an average yield per acre. The area of Spring wheat and oats is some larger than last season—prospect favorable for nearly an average yield per acre. Barley is not quite up to an average in condition—the area is as large as last season. The supply of old corn in first hands is larger than the first of May, 1884. The supply of farm hands is larger than last season. The season has been cold and unfavorable for spring work. About two-thirds of the usual amount of spring work has been done and farmers are advancing farm work as rapidly as the season will permit. Farm animals are rather thin in flesh and the number of sheep and hogs is considered less than at corresponding date last season. In some portions of the county three-fourths of the bees were winter-killed. The early and tender varieties of fruit are generally winter-killed. It is rather early to determine the prospects for late fruit.

SALINE—Winter wheat is not in a very encouraging condition. About two-thirds of the late seeding was winter-killed, and the prospect is not good for more than one-half of the average yield per acre. The area of winter rye is not as large as that of last season by one fourth, and the condition is not up to the average. More oats have been sown than usual, and the condition is about the average. Meadows and pastures are not up to their usual growth, owing to the cold weather. The supply of old corn and wheat is not as large as at a corresponding date in 1884. Farm hands are scarce, and wages fair. Farm animals are nearly up to an average in number, condition and health. A little more than half the usual amount of plowing has been done to May 1. The prospect for fruits is very good. Bees were not seriously injured by the extreme winter.

SANGAMON.—There has been but little improvement in the condition of wheat during the past month and with favorable season there will not be half an average yield per acre. Nearly three-fourths of the wheat in some portions of the county is reported winter-killed. Rye is nearly up to an average in condition. Spring wheat looks well and the area is some larger than last season. The area of oats is larger than last season and the prospects are encouraging for more than an average yield per acre. The supply of old corn and wheat in farmers' hands is some larger than last season at corresponding date. The area of meadows and pastures is as large as last season. Grass has not made as rapid growth as usual and is not up to the average in condition. About half the usual amount of plowing was done up to the first of May owing to the cold, backward season. The supply of farm laborers is larger than last season and wages are correspondingly lower. The number of cattle, hogs and sheep is less than last season at same date. Farm animals are in fair seasonable condition. With the exception of some cases of distemper among horses, live stock is healthy. It is rather early to determine the fruit prospects. The early and tender varieties of fruit were severely damaged by the extreme cold weather during the past winter.

SCHUYLER—Winter wheat is in fair condition and the prospect is encouraging for a three-fourths yield per acre. About forty per cent of the late seeding was winter-killed. Rye is in better condition than wheat and will make an average crop. There was not quite as large an area sown in oats as last season; condition very good. The amount of old corn and wheat in the hands of the farmer is less than usual. Very little plowing has been done to May 1. Hands are scarce, although wages are fair. Farm animals are in good condition and health, but are not up to an average in number. Meadows and pastures are backward owing to the cold weather. Peaches are all killed and grape vines are greatly injured. It is early yet to determine as to apples. Three-fourths of the bees are winter-killed.

SCOTT—The winter wheat prospect is far from being encouraging; fully eighty per cent. has been winter-killed, and the wheat crop will prove nearly a failure. Rye has wintered very well, and three-fourths of an average yield per acre may be expected. The oats area has been greatly increased, and the condition of the growing crop is above the average. The supply of old corn and wheat on hand is larger than at this date in 1884. About one half the usual amount of plowing has been done. Farm laborers are in good demand, and wages about an average. There

will be a partial crop of apples, plums, and small fruits. The number of live stock in this county is less than last season. Condition good and no complaint of disease. Bees nearly all winter-killed.

SHELBY—The wheat crop in this county might as well be put down as a failure. Fully ninety per cent of the area sown last fall has been winter-killed, and that not entirely frozen out of the ground will not make one-half of an average yield per acre. Rye will make about half a crop. The area of oats and corn will be largely increased on account of the wheat failing. There is very little corn or wheat of the crop of 1884. About one-half the usual amount of plowing has been done, owing to the cold, backward weather. Farmers are far behind with their work, and farm hands are in good demand; wages about the same as last season. Farm animals are in good condition and health. Meadows and pastures are in only fair condition, grass having made but little growth. There will be some apples and plums, but no peaches. Fifty per cent. of the bees are winter-killed.

STARK—There is but a very limited area of winter wheat sown in this county. The prospect gives encouragement for a three-fourths yield per acre. About thirty per cent. of the winter wheat is winter killed. Spring wheat is in good condition and the area sown is fully up to the average. Rye is looking very well and will make nearly an average crop. The area of oats sown is larger than that of 1884 and the condition is good. There is very little old corn on hand. About one-half the usual amount of plowing has been done to May 1. Good farm hands are in demand and wages are a little higher than last season. Meadows and pastures are backward owing to the cold, unfavorable weather of March and April. It is early to give anything like a fair report of the fruit prospect. Farm animals are a little thin in flesh, but the general health of live stock is good. Nearly all the bees are dead.

ST. CLAIR.—In some portions of the county over three-fourths of the late seeding of wheat is reported winter-killed and from present prospects the growing wheat will not make much over half an average yield per acre. Rye looks well. The area of oats is double that of the previous seeding and the condition is up to an average. The supply of old corn and wheat in first hands is larger than in May, 1884. Meadows and pastures are nearly up to an average in condition and the area is larger than last season. The supply of farm laborers is larger than last spring. Spring plowing is not as far advanced as usual owing to the cold, backward season. Farm animals are nearly up to an average in condition and there are no complaints of disease. The number of cattle and sheep is not quite as large as in May, 1884. There will be but few if any peaches—other varieties of fruit are not far enough advanced to determine the fruit prospects with any degree of accuracy.

STEPHENSON—In this county a comparatively small area is sown to winter wheat, and the prospect is not encouraging for more than one-half of an average yield per acre. Spring wheat is in very fine condition with about the same area as last season. Rye stood the winter much better than wheat and will make nearly an average yield per acre. The condition of the oats is not as good as an average on May 1st. There is an increased area over that of last season. The supply of old corn is about the same as that of 1884 at a corresponding date. About two-thirds of the usual amount of plowing has been done. The supply of farm laborers is hardly up to the demand. Wages about the same as last year. Meadows and pastures are very late in getting a start to grow, owing to the cold weather. There is an increased number of cattle in this county as compared with last May. The health and condition of farm stock is good. It is early to give report of the fruit prospect.

TAZEWELL—More than one-half the winter wheat has been killed, and that living does not give encouragement for more than two-thirds of an average yield per acre. Where the wheat has been badly winter-killed many farmers are plowing the ground preparatory to sowing oats and spring wheat. Rye is in very good condition. Oats are an average in condition, and considerably above in the area sown. Nearly one-third of the corn crop of 1884 remains on hand. Meadows and pastures are in fair condition, considering the cold, backward spring. About the usual amount of plowing has been done. Farm laborers are in good demand, and wages are good. There will be a good crop of raspberries, currants and blackberries. It is too early to give a correct estimate of the prospect for apples, plums, and other fruit. The health of farm animals is good and the general condition about an average for this season of the year.

UNION—Fully one-half of the late seeding of wheat is winter-killed, and the prospect is not good for more than 50 per cent. of an average yield per acre. Rye is in much better condition than wheat; although the area is very limited, a three-fourths yield may be expected. The area of oats is not as large as that of last season, and the condition is below an average. There is a larger supply of old corn and wheat than at a corresponding date in 1884. Grass has not made as much growth as usual. There is an increased area of meadows and pastures, condition considerably below the average. Not more than three-fourths of the spring plowing has been done to date. Owing to the low wages paid there are not as many farm laborers as usual. The number of horses is below an average, whilst that of cattle, mules, hogs and sheep is above the average. The general condition of farm animals is good, in both flesh and health. The fruit prospect is good, with the exception of peaches; seedling peaches promise a partial crop; budded peaches suffered greatly from the cold winter.

VERMILION—The wheat is badly winter-killed. Fully four fifths of the late seeding is a total failure; and a large portion of the wheat will be plowed up for other crops. Rye is in much better condition than usual, and will make and average yield per acre. A great deal of the wheat land has been drilled in oats, and much more of it will be planted to corn. The area of oats sown was never larger than it is this spring, and the condition is excellent. Very little old corn or wheat on hand. About one half the usual amount of plowing has been done. The fruit prospect is not at all encouraging, although it is early yet to determine. Farm animals are above the average in number and condition. No disease of any kind reported. The acreage of meadows and pastures has been

largely increased during the past season. Condition, good. Nearly all the honey bees killed by the extreme winter.

WABASH—From the present indications there will not be more than one-half of the average yield per acre of winter wheat. About forty per cent. of the fall seeding was winter-killed. Owing to the partial failure of wheat a much larger area of oats has been sown, and the condition is fully up to the average. Meadows and pastures are just starting to grow. Fruit trees are generally in full bloom, except peaches, which are nearly all killed. The prospect, with this exception, is good for a much larger crop of all kinds of fruit than usual. The amount of old corn and wheat is a little larger than last season at a corresponding date. Live stock is in a good healthy condtion. No disease of any kind reported among farm animals. Farmers are preparing to plant a much larger area of corn than usual. Many swarms of bees were winter-killed.

WARREN—The limited area of winter wheat sown in this county is in very favorable condition and the prospect gives encouragement for four-fifths of an average yield per acre. The prospect for rye is better than that of wheat. Oats are in fine condition and the area is considerably increased over that of last season. There is about the usual amount of old corn and wheat in the hands of the farmer. But little more than one-half of the usual amount of spring plowing has been done. All of the small fruits indicate a good yield, while apples, cherries, plums and pears are more or less damaged, although it is early to fully determine the extent. There is about an average number of horses and cattle and their condition is generally good. There is some complaint of cholera among hogs; other animals are comparatively healthy.

WASHINGTON—The wheat prospect in this county is very discouraging; fully one-half of the fall seeding is winter-killed, and the condition of that not plowed up or winter-killed is not favorable for more than a half crop. Rye is in very good condition, and will make about a three-fourths crop. The area of oats is increased over that of last season, and the condition is fully up to the average for May 1. The amount of old corn or wheat is less than at a corresponding date last season. The live stock of the county is generally very thin in flesh, but in excellent health. Farm laborers are in good demand, and wages are about the same as usual. The prospect for a good crop of apples, plums, pears and small fruits is very good. There will be some peaches, but nothing like an average crop. Bees were nearly all killed by the extreme cold winter.

WAYNE—The condition of wheat is not as promising as on the first of April and but little over one third of an average yield per acre of wheat is expected. About two thirds of the late seeding of wheat is reported winter-killed. Rye will make about half an average yield per acre. Oats look well and the area is much larger than last season. The supply of old corn and wheat is less than in May, 1884. Grass has not made the usual growth and is much below the average in condition. The area of meadows is not as large as in 1884. The cold, backward season has delayed spring work and the usual amount of plowing was not done up to the first of May. The supply of farm laborers is larger than last season. Farm animals are in good condition and the number of cattle is larger than last season. The number of horses, hogs and sheep is nearly as large as in May, 1884. Apple, cherry and plum trees are very full of bloom. Pear bloom indicates about two-thirds of an average crop. There will be but few peaches or blackberries. Over one half the honey bees were winter killed.

WHITE—The prospect for an average wheat crop is not as good as on April 1. Fully one-half the wheat has been winter-killed, and the condition of that not plowed up is not encouraging for more than 60 per cent. of an average crop. Very little rye sown in this county. A much larger area of oats has been sown, owing to the partial failure of the wheat crop, and the condition is good. Very little old corn and wheat remains in the hands of the farmer. About the usual amount of spring plowing has been done. Farm laborers are scarce, and wages a little above those of last year. Meadows and pastures are in fair order, and there is an increased area of meadows in the country. There is a good prospect of apples, cherries and plumes. Peaches and blackberries nearly all winter-killed.

WHITESIDE—There is very little winter wheat raised in this county. The prospect is encouraging for a four-fifths yield per acre. The area of spring wheat is above the average and the condition fair. Rye wintered very well and will make an average crop. The area of oats sown is not as large as that of last season, and the condition is not up to an average. Meadows and pastures are doing very well. It is early yet to determine the fruit prospects. Farm animals are in good health and condition. About the usual amount of old corn on hand. A little more than half of the usual amount of plowing has been done to May 1. Farm laborers are in good demand and wages are some higher than last season. The loss of bees has been very great during the past winter.

WILL.—Rye is nearly up to an average in condition. Spring wheat looks well and the area is some larger than last season. Oats are not quite up to an average in condition and the area is some less than in 1884. The supply of old corn in first hands is some larger than last season. Grass has made but little growth and meadows and pastures are not up to an average in condition. The area of grass lands is not quite as large as last season. The usual amount of spring plowing has not been done owing to the cold backward season. Farm animals are thin in flesh owing to the cold, protracted season. There is a large decrease in the number of hogs and sheep compared with May, 1884, and the number of horses and cattle is not quite as large as last season. There is a decided tendency among the farmers of the county to give more attention to the production of dairy products. The season is not far enough advanced to determine the fruit prospects.

WILLIAMSON.—One-half of the late seeding of wheat is reported winter-killed and the growing wheat will not make much over half an average yield per acre. The area of oats is some larger than last season—the crop has not made satisfactory growth and is not up to an average for the season. There is

more old wheat in first hands than in May, 1884 and not quite as much old corn. The area of meadows and pastures is some larger than last season. Grass has not made usual growth and is much below the average in condition for May 1st. Horses, mules and sheep are in good condition, cattle and hogs are in thin flesh. There is no complaint of disease among farm animals and the number is about the same as at corresponding date in 1884. There will be but few peaches. The prospects are encouraging for a large crop of the leading varieties of apples and other hardy fruits. The area of tobacco will be larger than last season. There is an abundant supply of farm laborers and prices are lower than in 1884.

WINNEBAGO—The prospect for an average crop of winter wheat is much better than on April 1, and with favorable weather one-half of an average yield per acre may be expected. Rye is almost up to the average in condition It is estimated that the area will be reduced one-half on account of the unfavorable weather during March. The area of oats sown is not as large as usual, and the condition is not up to an average. The supply of old corn is less than at a corresponding date last season. Farm hands are in good demand, and wages are higher than last season. Live stock is in good condition and health. The number is slightly reduced from that of last May. It is early to determine the fruit prospects. Fifty per cent. of the bees are winter-killed.

WOODFORD—The area of winter-wheat raised in this county is so small as to make it hardly worthy of mention. Rye is not up to the average in condition. About one-half of the rye was winter-killed. Spring wheat is fully up to the average in area and condition. The same can be said of barley. More oats than usual have been sown, owing to the partial failure of wheat. About the average amount of old corn in the hand of the farmer. The fruit prospect is better than in 1884. Farm animals are in good order and health. It has required more feed for live stock this winter than usual. Not quite the usual amount of plowing has been done. The wages for farm labor are higher than last season. Bees are nearly all winter-killed.

WEATHER REVIEW

Illinois Department of Agriculture,

MONTH OF APRIL, 1885.

The summary of meteorological observations contained in this review has been compiled from the weather reports received from the Signal service and voluntary observers reporting to the Illinois Department of Agrieulture.

TEMPERATURE.

The mean temperature of the State the past month was nearly one and one half degrees above the mean of the past five Aprils.

The mean temperature for the month is higher than the April mean at the following stations. Chieago, 0°.15 higher; Peoria, 0°.04; Palestine, 1°.33; Greenville, 1°.74; McLeansboro, 2°.52; Anna, 0° 82. The mean temperature is lower than the April mean at the following stations. Aurora, 1°.23 lower; Syeamore, 2°.97; Springfield, 1°.07; Griggsville, 1°.61; Mattoon, 4°.00; Pana, 2°.31; Swanwick, 2°.17 and Cairo, 1°.14. The temperature the past month was below the April mean at all the Central Stations and above the April mean at all the Southern Stations in the State from whieh reports have been reeeived for a term of years. The mean temperature of the State for April was 51°.90 and for each division as follows: Northern, 46°,82; Central, 50°.84 and Southern 57°.36. The highest daily mean reported was 76° at Golconda on the 21st, and the lowest 25° at Wilton Center on the 9th. The highest temperature during the month in the Northern and Ceutral Divisions was noted April 21, when from 74° to 80° was recorded. At the stations in the Southern Division the temperature was highest on the 20, 21, 22, 23 and 30: the highest temperature noted was 87° on the 22d at Goleonda. The lowest temperature during the month at most of the stations in the State was on the 8th. The lowest temperature for the month, 19°, was noted on the 13th at Wilton Centre.

The mean temperature of the State for the past five Aprils has been as follows: 1881, 44°.93; 1882, 53°.12; 1883, 52°.46; 1884, 50°.40, and 1885, 51°.90. The highest temperature noted in April for a term of years was as follows: 1881, 84°; 1882, 90°; 1883, 90°; 1884, 89°; 1885, 87°; and the lowest temperature for the same month has been as follows: 1881, 9°; 1882, 18°; 1883, 23°; 1884, 24°; 1885, 19°. The daily mean temperature at stations report ing for eaeh day of the month of April is given in a table published elsewhere in this report.

PRECIPITATION.

The average rainfall for the State in April 1885, was 4.11 inches or 0.70 inches more than the mean for the past eight Aprils. The average monthly rainfall for the State for the month of April for a term of years has been as follows: 1878, 4.15 inches; 1879, 2.02; 1880, 3.79; 1881, 2.49; 1882, 3 75; 1883, 4.17; 1884, 2.81; 1885, 4.11.

The average precipitation the past month was 3.77 inches, in the Northern Division, and 3.87 inches in the Southern Division, which is much less than the rainfall, 4.98 ienhes, in the Central Division. There was no precipitation in any portion of the State on the 5,19, and 27 of April and only slight local showers on the 1, 3, 4, 8, 11, 12, 13, 18, 21, 24, 26 and 29. The rains were quite general in all portions of the State on the 7, 14, 15, 16, 17, 22, 23, 25, 28 and 30.

The greatest precipitation for April was 7.45 inches at Centralia, Marion county. The least precipitation reported for the month at any station was 1.43 inches at Cairo.

The precipitation for April, 1885, exceeds the average for the month during a term of years as noted, at the following stations: Marengo, 2.32 inches; Chicago, 0.38; Aurora, 0 27; Sycamore, 0 16; Peoria, 0.53; Keokuk, 0.22; Springfield, 2.64; Griggsville, 1.74; Mattoon, 1.94; Litchfield, 1.88; Palestine, 0.97; Greenville, 1.74; St. Louis, 1.32; Mascoutah, 1.93, and Swanwick, 0.05.

The only stations reporting the April, 1885, precipitation less than the average for the month during the period for which records have been made are as follows: Davenport, 0.49 less; McLeansboro, 0.59; Anna, 1.41; and Cairo, 2.72.

The total precipitation during the past eight years for the months of January, February, March and April is given in the following table:

Month.	Year.							
	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.
January	1.46	1.61	3.86	1.49	2.41	1.87	1.21	2.81
February	2.31	1.64	2.71	4.68	4 80	6.55	4.03	1.29
March	2.69	2.26	2.78	3.89	4.47	1.63	2.81	0.51
April	4.15	2.02	3 79	2.49	3.75	4.17	2 81	4.11
Total	10.61	7.53	12.64	12.55	15.43	14.22	10.86	8.72

The precipitation the past eight years in January, February, March and April has averaged 11.57 inches. The precipitation during the first four months of the current year is 25 per cent. less than the precipitation for the corresponding months in the years included in the above table.

The heaviest rains reported in April occurred as follows: April 1, Greenville, one inch; April 2, Pana, one inch; Irishtown, 1.35; Collinsville, 1.04; Centralia, 1.70; St. Louis, 1.09; Mascoutah, 1.90; April 7, Mascoutah, 1.10; April 8, Oquawka, 1.25; April 15, Mattoon, 1.28; Centralia, 1.85; April 16, Polo, 1.04; Prairieville, 1; Griggsville, 1.47; Pana, 1.75; Greenville, 1.50; Centralia, 1.70; St Louis, 1.25; Mascoutah, 2; McLeansboro, 1.05, and Swanwick, 1.08; April 17, Marengo, 1.13; Chicago, 1.71; Wilton Center, 1 23; Mattoon, 1; April 18, Pana, 1.36; April, 22, Oquawka, 1; April 23, Polo, 1.32; Prairieville, 1.25; Oneida, 1.62; Pana, 1.05; Griggsville, 1.48; April 25, Hugo, 1.06; Mattoon, 1; April 30, Palestine, 1.32; Greenville, 1.75, and Centralia, 1 30.

Attention is invited to the table published in this report giving at each station reporting the distribution and amount of precipitation on the days it occurred during the month of April, 1885.

TABLES.

The meteorological tables and remarks of weather observers published elsewhere in this report present many interesting details concerning the temperature, rainfall, etc., during the month of April, 1885, at the several stations reporting.

METEOROLOGY.

The science of meteorology is deservedly receiving more attention each succeeding year, especially at the hands of the more intelligent farmers who realize the great practical value of information of this character to all engaged in agricultural pursuits.

NEW OBSERVERS.

The department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, that are giving attention to the science of meteorology. The attention of all interested in having the meteorological history of each county in the State preserved in the Monthly Weather Review of the Department, is invited to the importance of this work and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

CHARLES F. MILLS,

Secretary.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF APRIL, 1885.

ALEXANDER COUNTY—H. W. FORD, Sergeant, Signal Corps, U.S.A., Cairo. Highest barometer, 30.376 on the 13th; lowest, 29.538 on the 30th; mean, 30.004; range, 0.838. The mean temperature of the month, 59°.70, was 1°.14 below the mean of 14 April past. The highest temperature was 81° on the 22d 25th; the lowest, 34° on the 4th; range, 47°; greatest daily range, 34° on the 3d; least daily range, 7° on the 9th; mean daily range, 17°.90. The mean daily dew-point was 45°.70, and the relative humidity, 61.70 per cent. Rain fell on April 2, 3, 6, 7, 8, 16, 17, 18 and 30, but the preeipitation was only 1.43 inches—2.72 inches less than the April mean for a term of 14 years past. No snow fell during the month. There were 5 clear, 17 fair and 8 cloudy days in April. No frosts oecurred in April. The prevailing direction of the wind se , and its total movement 8,075 miles. The greatest veloeity attained was 38 miles per hour, from the se., on the 17th.

BOND COUNTY—JOHN B. WHITE, Observer, Greenville. Thunder-storms on the 2d, 7th, 10th, 15th, 16th and 30th. The storm of the 30th was aecompanied by hail. Rain or snow fell on 11 days, viz: April 1, 6, 7, 9, 14, 15, 16, 25, 28, 29 and 30. The total precipitation was 5.90 inches, 1.74 inches more than the mean rainfall of April, 1884 and 1885 Two inches of snow fell on the 9th. The highest temperature during the month was 84° on the 20th; the lowest 29° on the 4th; range 55°; greatest daily range, 35° on the 5th; least daily range, 8° on the 3 i and 18th. The mean temperature of the month, 56°.07, is 1°.74 above the mean of 2 Aprils past. The prevailing winds of the month were nw. and se. Lunar halo on the 21st.

CHAMPAIGN COUNTY—HUBERT A. BURR, Observer, Philo. (Record eommences April 8.) Highest barometer, 30.290; lowest, 29.650; mean, 30.000; range, 0.640. Highest thermometer, 79°; lowest, 29°; mean 50°; range, 50°. Rain fell on 13 days. Thunder-storms on the 7th, 16th and 25th. Hail fell on the 14th. Frost April 10, 12, 25 and 29. The prevailing wind was e. There were 8 clear, 13 fair and 9 cloudy days during the month.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest thermometer, 77° on the 21st; lowest, 32° on the 3d; mean, 52°.53; highest daily mean, 69°.25 on the 21st; lowest daily mean, 33°.25 on the 3d; range, 45°; greatest daily range, 26° on the 7th; least daily range, 3° on the 3d; mean daily range, 13°.07. This has been the coldest and wettest April for three years. The mean temperature of the month, 52°.53, is 2°.31 below the average of three Aprils past, and the rainfall, 5.11 inches, is 1.88 inches more than the average precipitation for the same period. Rain or snow fell in quantities to measure on the 2d, 9th, 16th, 17th, 25th, 28th and 30th, and in inappreeiable quantities on three other days Two inches of snow fell on the 9th. Thunder-storms April 7, 14, 16, 28 and 30. Frost on the 4th, 10th, 13th and 29th. Lunar halo on the 28th. There were 4 clear, 13 fair and 13 cloudy days in April. The prevailing winds of the month were se. and nw., and their greatest veloeity 10 miles per hour. Winds followed by rain, ne., sw., nw., s. and se.; by clear or fair weather, nw. Maples, elms and lilacs were budding on the 1st.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Rain fell on 11 days, April 2, 6, 7, 9, 12, 14, 15, 16, 20, 25 and 30. The preeipitation amounting to 3.50 inches, an average daily rainfall of 0.117 of an inch. A small amount of snow fell on the 9th. Thunder-storms on the 7th and 16th. There was a heavy fog on the morning of the 16th, with thunder and lightning. Frost on the 4th and 13th. On the 29th at 6 a.m., the thermometer marked 34°, but 2° above freezing.

COOK COUNTY—T. B. JENNINGS, Sergeant, Signal Corps, U. S A., Chicago. Highest barometer during April, 30.319 on the 13th; lowest, 29.544 on the 10th; mean, 30.012; range, 0,775. The highest temperature was 76° on the 21st and the lowest, 27° on the 13th; range 49°; greatest daily range, 27°.80 on the 2d; least daily range, 6°.70 on the 3d; mean daily range 15°. The mean temperature of the month, 45°.40, raised but little from the normal. The differenee between the mean of this month and that of 14 Aprils past was but 0°.15. The mean daily dew-point was 38° and the mean daily relative humidity 76.40 per eent. Rain fell on April 7, 10, 18, 23, 24, 25, 26, 28 and 30, the precipitation being 4 inches—0.38 of an inch more than the April average for the past 14 years. The prevailing direetion of the wind was n. and its total movement 6,293 miles. The highest veveloeity of the wind was 24 miles per hour. There were 3 clear, 19 fair and 8 cloudy days in April. Frost April 1, 4, 10, 25 and 29.

COLES COUTNY—WM. DOZIER, Observer, Mattoon. Highest temperature, 78°; lowest, 29°; range, 49°; the mean temperature, 49°,

miles per hour, from the s. e., on the 14th. Solar halos on the 27th and 29th. Frosts April 4 and 8.

HENDERSON COUNTY — JAMES PETERSON, Observer, Oquawka. Highest temperature, 76° on the 5th and 21st; lowest, 28° on the 3d; mean, 49°.36; range, 58°; greatest daily range, 35° on the 3d; least daily range, 2° on the 30th; mean daily range, 15°.77. Rain fell on April 8, 13, 22, 24, 27 and 29, the precipitation being 3.24 inches. Lightning and heavy thunder in the sw. on the evening of the 10th. The wind rose to almost a gale after midnight of the 13th, and a high wind from the sw. occurred on the 24th. The last frost of the month was on the night of April 10th. The Mississippi river is rising slowly.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.270 on the 24th; lowest, 29.550 on the 10th; mean, 29.950; range, 0.720. Highest thermometer, 77° on the 21st; lowest, 21° on the 4th; range, 56°; greatest daily range, 38° on the 5th; least daily range, 3° on the 17th; mean daily range, 17°.57. The mean temperature, 45°.67, is 1°.23 below the April mean of 3 years past, and the precipitation, 3.58 inches, is 0.27 of an inch more than the average rainfall of the past 3 Aprils. Rain fell on 11 days, viz: April 7, 11, 12, 14, 16, 17, 18, 23, 24, 25 and 30. Two inches of snow fell on the 14th. There were 3 clear, 16 fair and 11 cloudy days in April. The wind was n. at 4 observations, ne. at 13, e. at 20, se. at 13, s. at 10, sw. at 7, w. at 4, and nw. at 9. Its greatest velocity was 15 to 29 miles per hour. Frost April 1, 4, 8, 10, 17, 18 and 29. Lunar halo on the 27th.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest thermometer, 78° on the 21st; lowest, 29° on the 8th; mean, 48°.45; range, 49°; greatest daily range, 31° on the 5th; least daily range, 2° on the 16th; mean daily range, 14°.63. The prevailing wind was s. Winds followed by rain, s. and sw.; by clear or fair weather, n. and nw. The wind was n. 6 times, ne. 13, e. 3, se. 6, s. 15, sw. 11, w. 13, nw. 11, and calm 12 times. Rain or snow fell on April 6, 7, 9, 10, 14, 15, 16, 17, 20, 23, 25, 28 and 30, the total precipitation being 3.58 inches. Half an inch of snow fell during the month. Thunder-storms on the 16th and 25th. Frost April 3, 8, 10, 11, 13 and 29. There were 7 clear, 6 fair and 17 cloudy days in April. Fog on the 18th. Soft maples and willows are beginning to leaf out.

LEE COUNTY—MATTHIAS SHICK, Observer, Prairieville. Highest barometer, 30.180 on the 13th; lowest, 29.500 on the 10th; mean, 29.850; range, 0.680. Highest temperature, 77° on the 21st; lowest, 25° on the 8th; mean, 47°.50; range, 52°; greatest daily range, 29° on the 6th; least daily range, 2° on the 16th; mean daily range, 14°.18. The warmest day of April was the 22d, when the mean temperature was 69°; the coldest day was the 3d, its mean temperature being 35°. The mean relative humidity was 70.15 per cent. White frost on the 12th, 26th and 29th. Lunar halos on the 21st and 22d. The snowfall of the month was 0.75 of an inch. Rain fell on April 6, 10, 14, 16, 17, 20, 23, 29 and 30, and the precipitation amounted to 4.01 inches. The prevailing wind of the month was e., and its maximum velocity 30 to 39 miles per hour. The total movement of the wind in April was 5472 miles. There were five clear, six fair and nineteen cloudy days during the month.

MACOUPIN COUNTY—F. C. ZIMMERMAN, Observer, Bunker Hill. Rain fell on 13 days in April, viz: the 2d, 7th, 9th, 10th, 15th 16th 17th, 20th, 22d, 23d, 26th, 28th and 30th. Thunder-storms April 7, 10, 15, 16, 22, 26 and 30. Hail on the 30th. Frost, April 3, 8, 9, 10 and 13. The precipitation of the month was 4.27 inches. The thermometer ranged from 81° on the 30th, to 24° on the 4th, a range of 57°. The greatest daily range was 42° on the 5th, and the least daily range, 11° on the 17th. The mean daily range was 23°.20, and the mean temperature of the month 52°.83. The greatest velocity of the wind in April was 6 to 14 miles per hour.

MADISON COUNTY — J. L. R. WADSWORTH, Observer, Collinsville. Highest thermometer, 78° on the 30th; lowest, 27°.50 on the 4th; range, 50°.50; greatest daily range, 32° on the 5th; least daily range, 4° on the 3d; mean daily range, 18°.88 The mean temperature of the month was 54°.80. Rain fell on 9 days, viz: April 2, 14, 15, 16, 17, 22, 23, 28 and 30, and the precipitation amounted to 4.32 inches. Thunder-storms occurred on the 15th, 16th, 28th and 30th. There was frost on but 2 days in April, the 12th and 13th.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. The precipitation this month, 7.45 inches, is much greater than usual, and is 3.48 inches more than the average April rainfall for the past 4 years. Notwithstanding the large amount of rain falling, it was so evenly distributed throughout the month that no damage was done. Rain fell April 2, 7, 12, 15, 16, 25 and 30. Thunder-storms on the 2d, 7th, 15th, 16th, 25th and 30th. Hail on the 13th. Frost April 3, 4, 8, 9, 10, 13 and 30. The late frost did no injury. The highest temperature during the month was 84° on the 21st; the lowest, 28° on the 4th; range, 56°; greatest daily range, 36° on the 5th; least daily range, 6° on the 15th; mean daily range, 19°.83. The warmest day of the month was the 23d, its mean temperature being 72°; the coldest day was the 3d, when the mean temperature was only 35°. The mean temperature of the month, 55°.43, is 1°.20 above the average of 4 Aprils past. There were but 3 entirely clear days in April, 14 fair and 13 cloudy ones. The prevailing wind was se., and its maximum force 6 to 14 miles per hour.

MCHENRY COUNTY—JOHN W. JAMES, Observer, Marengo. This has been an unusually cold April. The mean temperature, 42°,20, was 2° lower than the mean of 24 Aprils past. April 1862, 1864, 1868, 1873, 1874, 1875 and 1881 were colder. The temperature ranged from 22°.70 on the 4th to 74° on the 21st, a range 51°.30. The greatest daily range occurred on the 7th, 23°.70, and the least daily range, 1°.80, on the 16th. The mean daily range was 12°.19. Frost occurred on 10 days, viz: April 1, 3, 4, 8, 9, 10, 12, 13, 14 and 29. On the 14th 2.75 inches of snow fell. It was as furious a snow-storm as I ever saw in April. Rain or snow fell on 10 days, viz: April 7, 10, 12, 14, 15, 17, 20, 23, 25 and 30. 3.97 inches of rain fell, which was 2.32 inches more than the mean amount of 24 Aprils past; April 1861 and 1868 alone were wetter. The total snow-fall of the month was three inches. There were 6 clear, 11 fair and 13 cloudy days during the month. The wind was w. 10 times, ne. 18, e. 21, se. 3, s. 6, sw. 15, w. 3 and nw. 14 times. Winds followed by rain, ne. to sw.; by clear or fair weather, sw. to nw. The greatest velocity of the wind was 30 to 39 miles per hour.

was 4° below the mean of six Aprils past; only April, 1881, was as cold. Its mean temperature was the same as April, 1885. Rain or snow fell April 1, 2, 4, 7, 10, 12 to 17, 23, 25, 28 and 30. The precipitation, 6.20 inches, was the largest amount of rainfall in any April since 1880, and was 1.94 inches more than the average for the past six Aprils. Thunder-storms on the 7th, 25th, 28th and 30th. There was a severe storm at 6 P.M., of the 7th, with much loud thunder and zig-zag lightning. There was a strong wind, and hail fell to cover the ground, and it drifted to the depth of two or three inches. The hail-stones were as large as filberts. Frost or ice April 3, 4, 8, 9, 10, 12, 13 and 29. The was n. 16 times, ne. 9, e. 6, se. 8, s. 15, sw. 4, w. 7, and nw. 10 times. There were 12 clear and 18 cloudy days in the month, but no entirely clear day.

CRAWFORD COUNTY—J. E. TEMPLETON, Observer, Palestine. The mean temperature of the month, 55° 37, was 1°.33 above the mean of the last three Aprils. The temperature varied from 80° on the 22d to 35° on the 3d and 4th, a range of 45°. The greatest daily range was 28° on the 5th and the least daily range, 0° on the 12th, when the thermometer marked 42° at each observation. The mean daily range was 13°.18. Rain fell on April 2, 7, 9, 13, 14, 15, 17, 25, 28 and 30, the total precipitation being 4.70 inches. One inch of snow fell on the 14th. Thunder-storms April 7, 16, 25, 28 and 30. Some hail fell during the storm of the 25th. On the 16th a walnut tree near here was struck by lightning. There was a heavy wind storm from the w. at 3 P.M. of the 2d, but no damage was done. Frost on the 4th, 5th, 10th and 29th. Ice formed in the water trough on the 29th, and plowed ground froze a little. The blood-root was in bloom on the 17th, and the red-bud in bloom and sugar maples in leaf on the 23d. A whip-poor-will was heard on the 13th. Lunar halo at 9 P.M. of the 27th. The prevailing wind of the month was s. and its greatest force, 15 to 29 miles per hour Winds followed by rain, se., s. and sw.; by clear or fair weather, n. and nw.

DEKALB COUNTY — ROSWELL DOW, Observer, Sycamore. The month of April, 1885, like every month since November, 1884, had a lower mean temperature than the corresponding month in any of the three preceding years, and was 3°.96 colder than the mean of those three years. The thermometer ranged from 25° on the 8th to 75° on the 21st and 22d, a range of 50°. The greatest daily range, 23°.80, occurred on the 7th, and the least daily range, 0°.40 on the 16th. The daily mean range was 12°.73, and the daily mean temperature, 42°.60. There were frosts on the first 14 days and on the 27th and 29th. The wind was n. 8 times, ne. 17, e. 14, se. 20, s. 9, sw. 5, w. 6, nw. 10 and calm 10 times. The prevailing wind was se. and its maximum force 15 to 29 miles per hour. Rain or snow fell in quantities to measure April 6, 7, 10, 12, 14, 15, 16, 17, 18, 20, 23, 24, 25, 29 and 30, the precipitation being 4.31 inches. This is but 0.16 of an inch more than the average rainfall of 4 Aprils past. There were 8 clear, 4 fair and 18 cloudy days in April. Lunar halo on the 27th.

DOUGLAS COUNTY.—A. C. WILLIAMS, Observer, Hugo. Highest temperature, 80° on the 20th, 21st and 22d; lowest, 32° on the 3d, 4th and 13th; mean, 50°.37. The monthly range was 48°; greatest daily range, 36° on the 6th; least daily range, 4° on the 3d, 14th and 16th; mean daily range, 15°.50. There were 16 fair and 14 cloudy, but no entirely clear day in April. Rain fell in quantities to measure on April 1, 2, 14, 15, 17, 25, 28 and 30, and in inappreciable quantities on 7 days. A quarter of an inch of snow fell on the 14th. The total precipitation was 4.37 inches. Thunder-storms on the 7th, 16th, 17th, 25th and 30th. Frost on the 10th, 24th and 28th. Prevaling wind sw., and its maximum force 60 to 69 miles per hour on the night of the 10th. Winds followed by rain, sw., se. and e; by clear of fair weather, n. and nw. Saw the first butterfly of the season on the 26th. Iris, crocus, tulips, dicentra, flowering currants, etc., in bloom on the 30th but forrest and fruit trees are backward. Lunar halo on the 27th.

FAYETTE COUNTY.—JOSEPH URBAIN, Observer, Vandalia. This has been a very disagreeable month, and vegetation is about 4 weeks late. The highest temperature of the month occurred on the 21st, when the thermometer marked 89°; the lowest was 32° on the 8th. The mean temperature of the month was 56°.50, and the mean daily range, 14°.93. The greatest daily range was 25°, and the least daily range, 6° on the 15th, 17th and 23d. The monthly range was 48°. There were 8 clear, 14 fair and 8 cloudy days in April. The prevailing wind of the month was north. Rain fell on 8 days. Thunder was heard on the 7th, 15th and 16th, and there was a severe thunder-storm with heavy rain on the 30th. Hail was reported 5 miles south of here on that day. Frost April 4, 8, 9, 27 and 29.

HAMILTON COUNTY—WM. P. GIBBS, Observer, McLeansboro. Highest temperature, 82° on the 22d; lowest, 28° on the 4th; range, 54°; greatest daily range, 36° on the 29th; least daily range, 4° on the 18th; mean daily range, 20°.30. The mean temperature of the month, 59°.80, is the highest April mean in a term of 4 years, and is 2°.52 above the mean of that period. The highest daily mean of April, 1885, was 72° on the 22d; the lowest daily mean, 38° on the 13th. Rain fell on 5 days; the precipitation, 2.22 inches, being less than the April precipitation for four years, and 0.59 of an inch below the mean for that time. Thunder-storms, April 1, 2, 7, 15, 15, 16, 25 and 30. Hail on the 16th and 25th. Frost on the 10th, 13th and 29th. The prevailing wind was nw., and its velocity 40 to 59 miles per hour. Winds followed by rain, se. and s.; by clear or fair weather, n.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Sergeant, Signal Corps, U. S. A., Keokuk, Ia. Highest barometer, 30.063 on the 13th; lowest, 29.659 on the 30th; mean, 29.975; range, 0.704. Highest thermometer, 76°.90 on the 21st; lowest, 28° on the 8th. The mean temperature of the month, 49°.70, is 1°.55 below the mean of the past 14 Aprils. The range of temperature was 48°.90; greatest daily range, 29°.60 on the 4th; least daily range, 5° 80 on the 17th; mean daily range, 16°.70. The relative humidity of the month was 76.10 per cent. Rain fell on 13 days, viz: April 7, 8, 9, 10, 14, 15, 16, 20, 22, 23, 25, 28, and 30. The precipitation, 3.33 inches, is 0.22 of an inch more than the average April precipitation of the past 14 years. Snow fell on 2 days to the depth of 3.60 inches. There were 4 clear, 14 fair and 12 cloudy days during the month. The prevailing direction of the wind was s., and its total movement 7,308 miles. The highest velocity of the wind in April was 31

Solar halos were observed on the 8th, 9th, 20th and 29th, and lunar halos and polar bands on the 27th. The red-winged black birds came on the 7th.

MONTGOMERY COUNTY—W. S. PALMER, Observer, Litchfield. Highest temperature, 75° on the 21st; lowest, 31° on the 8th, 11th and 12th; mean, 52°.10; range, 44°; greatest daily range; 25° on the 5th; least daily range, 0° on the 17th; mean daily range, 12°.53. Rain fell April 1, 2, 6, 9, 14, 15, 16, 18, 22, 23, 25, 28 and 30, the precipitation amounting to 3.55 inches. It snowed most of the morning of the 9th, and snow, hail and rain all fell on the 14th. The first thunder of the season was heard on the 15th. Thunder-storms on the 15th, 16th, 25th and 28th. The prevailing wind of the month was sw. The song of the thrush was first heard on the 5th. Asparagus was not up until the 7th, seven days later than last year. Strawberries were in bloom on the 27th, and Siberian crabs on the 30th.

OGLE COUNTY—A. B. SWENEY, Observer, Polo. (Record begins April 7.) Highest temperature, 75° on the 21st and 22d; lowest, 21° on the 8th; mean, 48°; range, 54°; greatest daily range, 28° on the 27th; least daily range, 1° on the 16th; mean daily range, 14°.37. Rain or snow fell on four days out of the twenty-four, the precipitation being 4.52 inches. One inch of snow fell on the 14th. The wind was ne. 19 times, e. 8, se. 6, s. 11, sw. 9, w. 1 and nw. 18 times. Aurora borealis on the 7th, lunar halo on the 27th, and solar halo on the 29th.

PEORIA COUNTY—FRED BRENDEL, Observer, Peoria. The highest barometer in April was 29.913 on the 13th; the lowest, 29.287 on the 10th; mean, 29.601; range 0 626. Highest temperature, 79° on the 21st; lowest 30° on the 13th; range 49°. The mean temperature, 51°.66, is 1°.23 below the April mean of of 4 years past. The mean humidity of the month was 69 per cent. Rain or snow fell on 12 days, the precipitation being 4.44 inches. This is 0.53 of an inch more than the average rainfall of the past four Aprils. Thunder-storm on the 16th. The prevailing wind of the month was south and its maximum force 15 to 29 miles per hour. The white maple bloomed out on the 8th, the white elm on the 10th and the box-elder on the 22d.

PERRY COUNTY—J. C. ELLIOTT, Observer, Swanwick. Highest temperature, 78° on the 30th; lowest, 30° on the 4th; range, 48°; greatest daily range, 30° on the 5th; least daily range, 1° on the 3d; mean daily range, 14°.30. The mean temperature of the month, 54°.75, was 2°.17 below the mean of the last 4 Aprils. The warmest day of the month was the 21st, when the mean temperature 69°.20. The coldest day was the 3d, its mean temperature being 34°.50. Rain fell on 8 days, namely: April 2, 7, 14, 16, 20, 22, 25 and 30. The precipitation, 2.91 inches, was 0.05 of an inch above the average precipitation of 4 Aprils past. Thunder-storms on the 2d, 7th, 16th, 25th and 30th. Hail fell during the storm of the 7th. Frost on the 4th, 13th and 29th. The wind was ne. 14 times, e. 7, se. 11, s. 14 and nw. 20 times. Its greatest force was 30 to 39 miles per hour. Winds followed by rain were ne., e. and se.; by clear or fair weather, sw., w. and nw. There was a solar halo on the 27th.

PIKE COUNTY—A. MONROE, Observer, Griggsville. Highest barometer, 30.490; on the 13th, lowest, 29.750 on the 30th; range, 0.740; mean, 30.100. Highest temperature, 78° on the 21st; lowest, 26° on the 8th; mean, 49°.60; greatest daily mean, 67° on the 21st; least daily mean, 34° on the 3d. The range in temperature during April was 52°. The greatest daily range was 27° on the 4th and the least daily range 5° on the 17th and 25th. The mean daily range was 15°.30. The mean temperature of the month, 49°.60, is 1°61 below the April mean for 4 years. The month was unusually wet. Rain fell April 1, 2, 6, 7, 9, 14, 15, 16, 17, 20, 22, 23, 25, 28 and 30, and the precipitation amounted to 6.62 inches—1.74 inches more than the average precipitation for 4 years past. Snow fell to the depth of 0.52 of an inch on the 9th. Thunder-storms on the 1st and 28th. Frost April 3, 4, 8, 9, 11, 12, 13 and 29. Solar halos on the 27th and 29th. There were 4 clear, 13 fair and 13 cloudy days in April. The prevailing wind of the month was nw., and its velocity 15 to 29 miles per hour. The wind was n. at 1 observation, ne. at 17, e. at 6, se. at 15, s. at 9, sw. at 17, w. at 5 and nw. at 20 observations. Eighty per cent. of the winter wheat in this vicinity is killed.

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. The highest temperature during April was 87° on the 22d; lowest, 36° on the 3d, 8th and 13th; range, 51°; greatest daily range, 31° on the 5th; least daily range, 2° on the 3d; mean daily range, 17°.03. The mean temperature of the month, 60°.60, is 0°.56 above the mean of 4 Aprils past. Rain fell April 2, 6, 7, 16, 17, 23, 25 and 30—8 days, the precipitation being 2.86 inches. This is 1.80 inches less than the average April rainfall for a period of 4 years. There were 3 clear, 22 fair, and 5 cloudy days in April. Thunder-storms, April 2, 7, 16, 17, 25 and 30, and distant thunder on the 15th. The prevailing wind was se. There was a gale—velocity 40 to 59 miles per hour—about 1 A. M. of the 17th. Winds followed by rain, sw., e. and se.; by clear or fair weather, nw., w. and n. Frost on the 13th and 29th. Fruit trees all in bloom. Whip-poor-wills appeared on the 16th, and fire-flies on the 29th.

ROCK ISLAND COUNTY—R. R. MARTIN, Sergeant, Signal Corps, U. S. A., Davenport, Ia. Highest barometer during April, 30.365 on the 13th; lowest, 29.615 on the 10th; mean, 30.001; range, 0.750. Highest thermometer, 74° on the 21st; lowest, 28°.10 on the 8th; range, 45°.90. The greatest daily range of the month occurred on the 6th, 25°.80; the least daily range, 5°.10, was on the 16th; mean daily range, 16°.10. The mean temperature of the month, 49°.40, was lower than the mean of any April since 1881, but was 0.41 above the April mean of 14 years past. The mean daily dew-point was 40°.30, and the mean relative humidity, 72 per cent. The prevailing direction of the wind was nw. and its total movement, 7,542 miles. The greatest force of the wind was on the 21st, when it attained a velocity of 30 miles per hour, from the sw. There were 15 fair and 15 cloudy days, but no entirely clear day in April. Rain fell April 6, 7, 10, 14, 15, 16, 17, 20, 22, 23, 24, 25, 28, 29 and 30 in appreciable quantities, and in inappreciable quantities on three other days. The total precipitation, 2.47 inches, is 0.49 of an inch less than the average April rainfall for a period of 14 years. Frost, April 3, 4, 7, 8, 10, 11, 12 and 13. A lunar halo was seen on the 26th.

SANGAMON COUNTY—JOHN CRAIG, Sergeant, Signal Corps, U. S. A., Springfield. With the exception of 1881, this has been the coldest April since 1880; when the mean temperature of the month was 47°.90. The mean

of this April, 51°.70, was one 1°.07 lower than the average for six years past. The temperature ranged from 30° on the 8th to 76°.20 on the 21st, a range of 46°.20. The greatest daily range was 30°.20 on the 5th and the least daily range, 7° on the 3d; mean daily range, 17°.20. Highest barometer, 30.346 on the 13th; lowest barometer, 29.578 on on the 30th; mean, 29.977; range, 0.768. The mean daily dew-point was 40°.70 and the relative humidity of the month, 68 per cent. Rain fell in quantities to measure on 15 days, and in inappreciable quantities on two other days. The precipitation, 6.36 inches, was much more than for any April since 1880, and was 2.64 inches more than the mean for that time. The snow-fall for the month was 0.90 of an inch. There were 5 clear 15 fair and 10 cloudy days in April. Frost occurred April 4, 8, 10, 11, 12 and 13. Solar halos on the 6th, 11th, 27th and 29th, and lunar halos on the 21st and 27th. The prevailing wind was s. and its maximum force 28 miles per hour. The total movement of the month was 7.577 miles.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest temperature, 82° on the 23d; lowest, 32° on the 8th; range, 50°; greatest daily range, 34° on the 5th; least daily range, 2° on the 3d; mean daily range, 15°.20. Rain fell on April 2, 7, 14, 15, 16, 21, 22, 25, 28 and 30. The rainfall 6.30 inches, is the heaviest April rainfall in a term of 4 years, and is 1.93 inches above the mean for that period. Thunder-storms on the 2d, 10th, 15th, 16th, 25th and 30th. Hail fell during the storms of the 16th and 30th.

ST. CLAIR COUNTY—G. A. WEBER, Corporal, Signal Corps, U. S. A., St. Louis, Mo. Highest barometer, 30 379 on the 13th; lowest, 29.562 on the 30th; mean, 29.999; range, 0.817. Highest temperature, 79° on the 21st; lowest, 32°.10 on the 18th; range, 46°.90; greatest daily range, 31°80; least daily range, 6°.20; mean daily range, 17°.50. The mean temperature, of the month, 56°.40, was 1°.20 above the April mean of the past 15 years. The mean daily dew-point was 44°.50, and the daily relative humidity, 66.90 per cent. Rain fell on 14 days, viz: April 2, 7, 9, 12, 14 to 17, 20, 22, 23, 25, 28 and 30. The precipitation, 4.84 inches, was 1.32 inches more than the average April precipitation of the past 15 years. There were 7 clear, 11 fair and 12 cloudy days during the month. The prevailing wind was se., and its total movement, 9,339 miles. The greatest velocity of the wind was 36 miles per hour. Only one frost occurred in April, on the 4th.

UNION COUNTY—JOHN D. NEWBEGIN, Observer, Anna. Highest barometer, 30.300; lowest, 29.600; mean, 30.075; range, 0.700. Highest thermometer, 81°; lowest, 33°; range, 48°; mean 58°.46; highest daily mean, °73; lowest, °33. This month has been a little warmer than usual, the mean temperature, 58°.46, being 0°.82 above the mean of the past 10 Aprils. Rain fell on 8 days, viz: April 2, 3, 7, 16, 17, 23, 25 and 30. The precipitation, 2.69 inches, is 1.41 inches less than the April average for ten years past. Thunder-storms on the 2d, 7th, 16th, 25th and 30th. Large solar halo on the 1st at 11 A. M. Winds followed by rain, s. and n. e.; by clear or fair weather, n. w. The prevailing winds were s. and n. w., and its maximum velocity 6 to 14 miles per hour.

WAYNE COUNTY.—JACOB HALL, Observer, Fairfield. The highest temperature during the month was 81° on the 23d; the lowest, 32°; range, 49°; greatest daily range, 31° on the 15th; least daily range, 5° on the 3d; mean daily range, 16°.90. Rain fell on but 4 days, viz: April 2, 15, 17 and 25. The precipitation was 2.17 inches. Quite a severe wind and thunder-storm occurred about 5 P. M., on the 15th. The wind, which was in the sw., unroofed buildings, blew down fences, etc. The lightning struck a green tree, setting it on fire. There was another storm, not so severe as this one, on the 17th. The prevailing winds were w. and sw. Frost on the 4th, 13th and 29th. There were 11 clear, 11 fair and 8 cloudy days in April.

WILL COUNTY.—H. N. RENFREW, Observer, Wilton Center. Highest barometer, 30.324; lowest, 29.605; mean, 29.989. Highest thermometer, 80° on the 21st; lowest, 19° on the 13th; mean, 44°.80. The range in temperature was 61°; the greatest daily range, 38° on the 27th; least daily range, 6° on the 17th; mean daily range, 23°.77. The precipitation of the month was 3.37 inches, rain falling on 8 days, namely, April 7th, 10th, 14th, 15th, 17th, 18th, 26th and 30th. There were no thunder-storms during the month, which is quite an unusual occurence in this section of the State. The prevailing winds were se. and e., and the greatest force of the wind, 30 to 39 miles per hour. Winds followed by rain, e. and se. Frost on the 21st and 29th. Lunar halo on the 21st, and solar halo on the 29th. So far there is very little difference between the springs of 1884 and 1885. Grass is just fairly started, and farmers are not yet through sowing. There were 4 clear days, 18 fair and 8 entirely cloudy days in April.

WILLIAMSON COUNTY—W.S.WASHBURN, Observer, Marion. Highest temperature, 78° on the 2d, 21st and 22d; lowest, 36° on the 3d; mean, 60°.41. The greatest daily variation in temperature was 27° on the 19th; the least, 2° on the 3d; the mean range was 13°.53. The monthly range was 42°. Rain fell on but 5 days, viz; April 2, 7, 16, 24 and 30. The precipitation was 2.95 inches. Heavy thunder during the rain of the 2d, and thunder-storm accompanied by wind on the 7th. There was a small tornado on the afternoon of the 25th, five or six miles se. of Marion. The cloud was clearly visible from here. It moved from west to east, with a track about a quarter of a mile wide, touching the ground for a distance of three or four miles. Much damage was done to houses, barns and timber, but no lives were lost. Light frost on the 10th, and heavy frost on the 29th. There were 7 clear, 17 fair and 6 cloudy days in April. Forest and fruit trees have leafed out the last ten days of the month.

Comparison of the Precipitation and Mean Temperature for April, 1885, with the Corresponding Month of Former Years.

STATION.	PRECIPITATION.				MEAN TEMPERATURE.			
	Average Precipitation for April	Number of Years	Precipitation for April, 1885	* Difference	Average Temperature for April	Number of Years	Mean Temperature for April, 1885	* Difference
NORTHERN DIVISION.								
County. *Post Office.*								
McHenry ..... Marengo	1.65	24	3.97	+2.32	44.20	24	42.20	+2.00
Cook ..... Chicago	3.62	14	4.00	+0.28	45.25	14	45 40	—0.15
Kane ..... Aurora	3.31	3	3.58	+0.27	46.90	3	45.67	—1.23
DeKalb ..... Sycamore	4.47	4	4.31	+0.16	45.57	4	42.60	—2 97
Ogle ..... Polo	4.52	1	4.52	.....	48.00	1	48.00	.....
Lee ..... Prairieville	4.01	1	4.01	.....	47.50	1	47.50	.....
Rock Island .... Davenport (Ia)	2.96	14	2.47	—0.49	48.99	14	49.40	+0.41
Will ..... Wilton Centre	3.37	1	3.37	.....	44.80	1	44.80	.....
Knox ..... Oneida	3.58	1	3.58	.....	48.45	1	48.45	.....
Henderson ..... Oquawka	3.24	1	3.24	.....	49.36	1	49.36	.....
Peoria ..... Peoria	3.91	4	4.44	+0.53	57.66	30	51.70	+0.04
CENTRAL DIVISION.								
Hancock ..... Keokuk, (Ia.)	3.11	14	3.33	+0.22	51.25	14	49.70	—1.55
Sangamon ..... Springfield	3.72	6	6.36	+2.64	52.77	6	51.70	—1.07
Champaign ..... Philo	.....	.....	.....	.....	50.00	1	50.00	.....
Douglas ..... Hugo	4.37	1	4.37	.....	50.37	1	50 37	.....
Pike ..... Griggsville	4.88	4	6.62	+1.74	51.21	4	49.60	—1.61
Coles ..... Mattoon	4.26	6	6.20	+1.94	53.00	6	49.00	—4.00
Christian ..... Pana	3.23	3	5.11	+1 88	54.59	3	52.28	—2.31
Montgomery ... Litchfield	3.55	1	3.55	.....	52.10	1	52.10	.....
Macoupin ..... Bunker Hill	4.27	1	4 27	.....	52.83	1	52.83	.....
SOUTHERN DIVISION.								
Crawford ..... Palestine	3.37	3	4.70	+0.97	54.04	3	55.07	+1.33
Fayette ..... Vandalia	.....	.....	.....	.....	56.50	1	56.50	.....
Bond ..... Greenville	4.16	2	5.90	+1.74	54.33	2	56.07	+1.74
Clinton ..... Carlyle	3.50	1	3.50	.....	.....	.....	.....	.....
Madison ..... Collinsville	4.31	1	4.32	.....	54.80	1	54.80	.....
Marion ..... Centralia	7.45	1	7.45	.....	55.43	1	55.43	.....
St. Clair ..... St. Louis, (Mo)	3.52	15	4.84	+1.32	55.20	15	56.40	+1.20
St. Clair ..... Mascoutah	4.37	4	6.30	+1.93	.....	.....	.....	.....
Wayne ..... Fairfield	2.17	1	2.17	.....	.....	.....	.....	.....
Hamilton ..... McLeansboro	2.81	4	2.22	—0.59	57.28	4	59.80	+2.52
Perry ..... Swanwick	2.86	4	2.91	+0.05	52.58	4	54.75	+2.17
Williamson ..... Marion	2.95	1	2.95	.....	60.41	1	60.41	.....
Union ..... Anna	4.10	10	1.69	—1.41	57.66	10	58.46	+0 82
Pope ..... Golconda	2.86	1	2.86	.....	60.60	1	60.60	.....
Alexander ..... Cairo	4.15	14	1.43	—2.72	60.84	14	59.70	—1.14

* In the columns marked difference, the + sign denotes an excess, and the — sign a deficiency for April, 1885. The precipitation is expressed in inches, the temperature in degre e Fahrenheit.

Distribution and Amount of Precipitation for April 1885, Reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
NORTHERN DIVISION.																															
County. *Post Office.*																															
McHenry..... Marengo...	...	....	....	...	...	...	.14	....	...	.29	...	.02	...	.32	.42	.....	1.13	....	...	.10	...	....	.76	...	.15	..	.	....	...	.64	3.97
Cook..... .....Chicago..	...	....	....	...	...	...	.08	....	....	.14	.07	.06	.01	.25	.24	.42	1.71	.02	...	...	...	....	.27	.01	.21	.07	...	.01	...	.43	4.00
Kane..... Aurora.....	...	....	.. .	...	...	...	.24	....	....	....	.04	.70	...	.24	...	.66	.66	.01	...	...	...	....	.43	.01	.23	....	...	....	...	.36	3.58
DeKalb. ....Sycamore.....	...	....	....	...	...	.05	.10	...	....	.25	...	.03	...	.28	.44	.60	.51	....	...	.20	...	....	.75	.15	.20	....	...	....	.05	.70	4.31
Ogle... ....Polo	...	....	....	...	,..	...	.33	....	....	.42	. .	...	...	.27	....	1.04	.16	....	..	.03	...	.01	1.32	...	.07	....	...	.15	.10	.62	4.52
Lee..... .....Prairieville.....	...	....	....	...	...	.25	....	....	....	.12	...	..	...	.50	..	1 00	.12	....	...	.15	...	..	1.25	...	....	....	...	....	.12	.50	4.01
Rock Island.....Davenport(Ia)..	...	....	....	...	...	.04	.19	....	....	.01	. .	...	...	.09	.18	.81	.05	....	...	.02	...	.02	.56	.03	.16	....	...	.07	.03	.21	2.47
Will..... .Wilton Centre..	...	....	...	...	...	...	.28	....	....	.12	...	...	...	.36	.31	.....	1.23	.26	...	...	...	...	..	...	..	.68	...	...	...	.13	3.37
Knox.....Oneida.....	...	....	....	...	...	.02	.02	....	.02	.06	...	...	...	.31	.06	.50	.13	...	...	.02	...	..	1.62	...	.58	....	...	.31	...	.01	3.58
Henderson.....Oquawka	...	. ..	....	...	...	...	....	1.25	....	....	...	...	.06	....	..	.....	....	....	...	....	...	1.00	..	.12	....	.75	. .	.06	..	....	3.24
Peoria.... .....Peoria	...	....	....	...	...	...	....	.10	....	..	12.	...	. .	.01	.75	.....	....	1.36	...	...	...	..	1.05	...	....	.65	...	...	.18	.12	4.44
Sums.	..	. ..	....	...	...	.36	1.38	1.35	.02	1.41	.23	.81	.07	2.63	2.40	5.03	5.80	1.65	...	.52	...	1.03	8.01	.32	1 52	2.15	...	.60	.48	3.72	41.49
Means	...	.. .	....	..	...	.09	..17	.67	.02	.18	.08	.20	.03	.26	.34	.72	.58	.41	...	.09	...	.34	.89	.06	.22	.54	...	.12	.10	.37	3.77
CENTRAL DIVISION.																															
Hancock.....Keokuk (Ia.)....	...	....	....	...	...	...	.14	.01	.33	.02	...	...	...	.34	.12	.19	....	....	...	.19	..	.04	.80	...	.48	....	...	.40	...	.27	3.33
Sangamon.....Springfield.....	.10	.64	...	...	...	.03	.02	...	.13	05	...	...	...	.66	89	.80	.06	. .	...	...	...	.45	.58	...	.31	....	...	.30	...	.34	6.36
Douglas.....Hugo.....	.05	.75	....	...	...	...	...	....	....	...	...	...	...	.50	.13	.. .	.88	....	...	...	...	..	....	..	1.06	....	...	.75	...	.25	4.37
Pike.....Griggsville.	.17	.35	....	.	...	.08	.04	....	.06	....	...	...	...	.72	.62	1.47	.04	....	...	.06	...	.08	1.48	. .	.78	....	.	.17	..	.51	6.62
Coles.....Mattoon.... ...	.01	85	...	.01	...	...	.64	....	...	.14	...	.01	.01	.40	1.28	.88	.02	....	...	...	..	....	.02	...	1 00	....	...	.32	...	.61	6.20
Christian.....Pana	...	1.00	....	. .	...	...	....	....	.20	....	...	...	...	...		1.75	1.00	....	...	...	...		....	...	.75	....	...	.25	.	16	5.11
Montgomery.....Litchfield.	.03	.55	....	...	...	.02	....	....	.15	....	...	...	...	.26	.38	.92	....	.01	...	...	...	.23	.20	...	.33	. ..	...	.02	...	.45	3.55
Macoupin.....Bunker Hill....	...	.92	....	...	...	...	.05	....	.17	.02	...	...	. .	...	.90	.35	.02	....	...	.09	...	.56	.07	...	..	.14	...	.05	...	.93	4.27
Sums.....	.36	5.06	....	.01	...	.13	.89	.01	1.04	.23	...	.01	.01	2.88	4.32	6.36	2.02	.01	...	.34	...	1.36	3.15	...	4.71	.14	...	2.26	...	3.52	39.81
Means.	.07	..72	....	.01	...	.04	.18	.01	.17	.06	...	.01	.01	.48	.62	.91	.34	.01	...	.11	...	.27	.52	...	.67	.14	...	.28	...	.44	4.98

SOUTHERN DIVISON.

Crawford	Palestine	....	.95	....	...	...	...	.10	....	.02	....	...	...	.01	.20	.80	.....	80	....	...	...	...	....	....	...	.38	....	...	.12	...	1.32	4.70
Bond	Greenville	1 00	....	....	...	...	.02	.50	....	.20	....	...	...	...	.05	.50	1.50	....	....	...	...	...	....	....	...	.30	....	...	.03	.05	1.75	5.90
Clinton	Carlyle	....	1 35	...	...	...	.02	.09	...	.01	....	...	.02	...	.02	.33	.91	...	....	...	.01	...	...	....	...	.41	....	...	...	...	33	3.50
Madison	Collinsville	....	1.04	...	. .	...	...	...	...	....	.. .	...	...	...	.08	.87	.95	.03	....	...	...	...	.71	.11	...	...	....	...	.08	...	.45	4.32
Marion	Centralia	....	1.70	...	...	...	...	.05	....	...	...	...	.15	..	...	1.85	1.70	..	....	...	...	...	....	....	...	.70	....	...	....	...	1.30	7.45
St. Clair	St. Louis (Mo.)	. ..	1.09	...	...	...	...	.40	..	.02	....	...	.05	...	.05	.34	1 25	.16	....	...	.07	...	.74	.17	...	1.30	....	...	.05	...	.15	4.84
St. Clair	Mascoutah	....	1.90	....	...	...	...	1.10	....	....	....	...	...	...	.10	.50	2.00	.	...	...	...	.10	.10	....	..	.10	....	...	.20	...	.20	6.30
Wayne	Fairfield	.. .	.54	.. .	...	...	...	....	..	...	..	.	...	...	....	.54	.. .	.66	....	...	..	...	....	....	...	.43	....	...	..	...	....	2.17
Hamilton	McLeansboro	....	.83	....	...	...	...	.11	....	...	....	...	.02	...	....	....	1.05	...	...	...	..	..	...	....	...	.21	....	.	....	...	....	2.22
Perry	Swanwick	....	1.40	...	...	...	...	.04	...	....	...	...	...	..	.03	...	1.08	..	....	...	08	..	.05	....	...	.12	...	...	..	...	.11	2.91
Williamson	Marion	....	.85	....	...	...	...	15	....	....	....	.	...	..	..	...	.87	..	....	..	...	..	...	....	...	.11	..	...	....	...	.97	2.95
Union	Anna	....	.....	1.03	...	...	...	.15	...	....	....	..	...	...	....	....	.22	.33	....	..	...	...	. .	.10	. .	.23	..	..	....	...	.63	2.69
Pope	Golconda	....	.....	1.13	...	...	..	.08	.15	..	...	...	..	...	...	...	.34	.10	....	...	...	...	....	.04	..	.18	....	...	...	...	.84	2.86
Alexander	Cairo	....	.41	.02	...	...	.01	.20	.01	....	....	...	...	...		....	.42	.18	....	...	...	...	....	--	.01	.05	....	...	. .	...	.12	1.43
Sums		1.00	12.06	2.18	...	...	.05	2.97	.16	.25	....	...	.24	.01	.53	5.73	12.29	2.26	....	..	.16	.10	1.60	.42	.01	3.52	....	.	.48	.05	8.17	54 24
Means		1.00	1.10	.73	...	...	.02	.25	.08	.06	....	...	.06	.01	.07	.72	1.02	.32	....	...	.05	10	.40	.10	.01	27	....	...	.10	.05	.68	3.87
State Average		.23	.96	.73	.01	...	.05	.21	.30	.12	.12	.23	.12	.02	.26	.56	.91	.44	.33	..	.08	.10	.33	.61	.05	.36	.46	...	.18	.09	.51	4.11

THE ROOT WEB-WORM.



(*Crambus Zeelus*, Fernald.)

Concerning this new insect, seriously injurious to young corn in May and June, much additional information is still to be desired, and I report here the facts already made out in the hope that other observers may thus be induced to assist in the completion of the life history of the species, and may help us to a fuller knowledge of its habits and of its injuries to vegetation.

Although working somewhat like the cutworms, it belongs to another family of moths, and may easily be distingushed from these pests by its habits and the character of its injuries. If a hill of corn damaged by this insect be carefully examined, a mass of dirt, loosely webbed together, will invariably be found just beneath the surface of the ground, close beside the young stalk or among the larger roots. If the nest (irregular in shape, and commonly about as large as a hickory nut) be opened, a reddish, bristly; active worm, half an inch or a little more in length, (if full grown), will be found hidden within, the matted earth evidently serving as a retreat from danger.

The stalk of the affected plant will be found gnawed irregularly beneath the earth, sometimes wholly severed, as by a cutworm, but more commonly scarified, or bored lengthwise, either superficially or through the center of the stalk. From one to eight or ten larvæ may be found in a single hill.

These worms are of a pale reddish brown color, without stripes, and marked only by rather large, shining, dark spots, each bearing a long black hair, The head is dark chocolate brown with a few long, yellowish hairs. Upon the front is a Y-shaped white mark which does not coincide with the sutures of this region, the branches of the Y lying some distance outside the corresponding sutures, and the common stem being relatively short. The top of the first segment behind the head is yellowish with a white median line, whitish anterior edge, and an oval black spot on the sides, near the middle of the lateral margin. Surface with a few scattered long dark hairs. The second and third segments bear two rows of piliferous spots, the anterior consisting of four large square spaces, the posterior of two, sometimes united with each other. From the fourth to the tenth segment these spots are in two transverse rows of four each, those of the front row being nearly square and as least as large as the spaces between them, and those of the hind row transverse, elongated, about twice as long as wide. Directly before and outside of each proleg is a narrow, curved, shining tubercle bearing several long hairs. The breathing pores are all dark brown, the anterior one the larger, and the two posterior next in size. The under surface of the worm is a little paler

than the upper. Length of a full-grown specimen .6 inch, its greatest width .1 inch. The crysalis or pupa is smooth, shining, pale brown, the abdomen a little darker, without hairs or spines. The eyes are reddish brown, head bilobed above The abdomen has a blunt, horny tip. Length .4 inch; breadth .1 inch. The moth measures across the wings four .75 inch to an inch. Head and thorax are pale leaden gray. Two feelers, the labial palpi, extend forward in front of the head a distance equal to the length of the head and thorax taken together. The fore wings are a dull leaden gray mixed with ashy and white, especially on the outer pair, and crossed outside the middle by two angulated, dull ochre-yellow lines more or less overlaid with dark brown. The line bordering the wing is dark brown and a brownish cloud extends obliquely in from near the front outer angle of the wing to the second transverse line. A narrow ochre-yellow line, somewhat curved, extends from the middle of the base of the wing to the second line near the anal angle. The outer margin of the wing is regularly excavated below the apex; fringes pale metallic lead color. Hind wings smoky, with lighter fringes, underside of the body and all the wings pale dusky.

The species was seen by us last year from various localities in Henry, McLean, Macon, and Livingston counties, and doubtless occurs everywhere throughout central Illinois. There was no evidence that the previous history of the land had anything to do with the prevalence of the insect. Our first specimens were taken May 19, at which time many of them were only about half grown. In our breeding cages, the larvæ changed to pupæ in the earth at some time during the latter half of June, and the adult moths emerged from the first to the 22d of July.

The small size of our earliest specimens makes it likely that they came from the egg last spring, and the brood observed by us must have practically completed its development before the end of July. Whether a second brood occurs or not, is wholly uncertain, and to this point especial attention is asked of those at work in fields of corn throughout the summer. Any information tending to show whether the larva feeds on any other plant than corn will also be especially useful and welcome.

The injuries inflicted occur so early as to permit re-planting in most seasons in case they should be of serious import, and this species is consequently to be classed with the cutworms so far as the effect of its injuries to corn are concerned.

Minute mites which attacked the pupæ in our breeding cages, and were apparently responsible for the loss of nearly all the larvæ we attempted to rear, probably also attacks the worm in the field. Besides this, I determined by dissection that certain predaceous beetles especially abundant in fields infected by the web-worms had also been feeding upon them. Further than this we have no knowledge of natural checks upon the increase of the species.

Of all to whom these presents may come, who have an opportunity to observe this insect, I have to request such further information as they may acquire, backed by living specimens of larvæe or pupæ whenever possible. These last may be sent to advantage in well filled boxes of moist earth, with corn enough to supply the worms with abundant food in transit.

S. A. FORBES,

State Entomologist.

INDUSTRIAL UNIVERSITY, CHAMPAIGN, ILL., April 30, 1885.

CONDITION OF WINTER WHEAT IN ILLINOIS MAY 1, 1885.

NORTHERN DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition May 1, 1885..	Av. condition May 1, 1884..	Av. condition May 1, 1883..	Av. condition May 1, 1882..
Boone	584	100	100	95	83	102
Bureau	717	75	75	70	100	110
Carroll	3,082	25	47	107	75	....
Cook	106		90	90	92	90
DeKalb	147	75	97	..	100	105
DuPage	200	....	80	..		95
Grundy	105	....		..	100	100
Henderson	3,531	75	79	93	85	107
Henry	277	75	90	90	..	....
Iroquois	3,900	35	95	87	51	115
JoDaviess	3,261	50	49	101	77	105
Kane	122	75	100	95	95	100
Kankakee	1,994	82	78	85	68	113
Kendall	72	100	95	100	62	100
Knox	3,420	75	80	103	82	109
Lake	288	85	62	85	82	106
LaSalle	2,549	87	77	84	80	96
Lee	180	85	75	100	40	103
Livingston	377	80	85	100	63	100
Marshall	780	75	...	115	110	110
McHenry	629	82	92	112	76	105
Mercer	481	80	70	100	62	105
Ogle	3,471	65	75	97	62	113
Peoria	6,297	57	75	95	88	112
Putnam	951	90	82	90	91	107
Rock Island	230	....	60	83	65	108
Stark	270	87	75	100	90	102
Stephenson	5,233	63	72	90	76	106
Warren	682	88	82	100	87	107
Whiteside	441	80	80	50	70	105
Will	1,138	85	.	..	97	107
Winnebago	1,984	55	52	95	62	106
Woodford	3,589	33	72	97	98	102
Total or Average.	51,088	73	77	94	80	105

CENTRAL DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition May 1, 1885.	Av. condition May 1, 1884..	Av. condition May 1, 1883..	Av. condition May 1, 1882..
Adams	64,127	57	43	71	90	75
Brown	21,907	68	67	73	88	100
Calhoun	21,110	59	83	95	90	102
Cass	18,323	44	65	102	87	120
Champaign	29,075	35	*25	60	62	116
Christian	59,680	37	33	77	72	92
Clark	28,223	36	37	50	74	90
Coles	26,785	34	58	71	55	103
Cumberland	25,161	26	45	81	67	103
DeWitt	6,391	77	82	102	62	125
Douglas	9,621	30	54	82	49	108
Edgar	40,002	42	85	97	55	103
Ford	447	80	....	....	40	95
Fulton	35,262	54	66	99	86	120
Greene	55,137	42	30	97	80	93
Hancock	30,548	82	65	107	95	110
Jersey	55,071	30	25	88	75	96
Logan	27,587	46	65	102	52	108
Macon	22,984	22	87	73	44	106
Macoupin	49,638	38	34	80	77	61
Mason	9,191	49	57	102	77	106
McDonough	10,723	68	58	106	...	115
McLean	5,179	31	72	86	57	112
Menard	30,379	51	53	103	62	112
Montgomery	75,898	33	47	72	52	96
Morgan	35,035	39	80	107	94	110
Moultrie	13,880	51	48	80	75	102
Piatt	9,839	75	62	88	54	97
Pike	83,917	24	29	60	74	116
Sangamon	49,492	34	44	100	71	106
Schuyler	30,828	60	75	95	95	108
Scott	9,881	15	40	82	59	92
Shelby	49,452	39	10	83	74	103
Tazewell	23,446	59	64	105	77	109
Vermilion	28,433	40	15	71	40	112
Total or average.	1,092,652	46	53	86	68	103

SOUTHERN DIVISION.

Counties.	Rep'ted acreage 1885 crop	Av. condition April 1, 1885	Av. condition May 1, 1885..	Av. condition May 1, 1884..	Av. condition May 1, 1883	Av. condition May 1, 1882.
Alexander	8,024	60	60	100	93	108
Bond	32,843	46	39	59	54	105
Clay	20,110	45	62	29	65	100
Clinton	67,415	70	76	90	40	97
Crawford	25,739	71	47	35	65	97
Edwards	17,246	72	75	61	75	100
Effingham	29,545	35	75	62	74	92
Fayette	36,888	48	24	62	45	99
Franklin	5,247	54	41	80	75	107
Gallatin	37,720	51	70	82	90	105
Hamilton	22,827	47	43	72	55	103
Hardin	2,203	57	67	95	....	106
Jackson	38,873	62	40	90	82	106
Jasper	24,986	50	40	57	55	111
Jefferson	46,045	67	46	33	61	107
Johnson	14,349	56	39	73	70	106
Lawrence	30,173	50	48	80	56	90
Madison	91,066	33	52	77	70	86
Marion	43,829	70	65	63	52	102
Massae	17,102	60	55	86	81	113
Monroe	65,351	35	82	100	86	110
Perry	31,557	59	59	69	67	109
Pope	19,513	57	*50	87	61	99
Pulaski	8,804	70	75	103	83	110
Randolph	89,325	74	72	95	64	111
Richland	20,147	78	62	52	62	103
Saline	11,767	63	55	85	55	105
St. Clair	112,394	29	56	73	54	99
Union	20,810	77	50	85	90	103
Wabash	24,190	85	59	74	82	100
Washington	82,400	72	42	75	62	100
Wayne	19,670	61	38	62	42	106
White	39,516	63	54	80	61	107
Williamson	15,877	47	52	56	62	112
Total or average	1,203,551	58	55	73	68	103

* Estimated

CONDITION SPRING WHEAT, MAY, 1, 1885.

NORTHERN DIVISION.

Counties.	Acreage 1885, compared with 1884	Average condition May 1, 1885	Average condition May 1, 1884	Average condition May 1, 1883	Average condition May 1, 1882
Boone	90	85	97	100	93
Bureau	112	90	90	.....	90
Carroll	112	....	100	100	.....
Cook	92	105	97	96	102
DeKalb	105	99	.....	.....	.....
DuPage	110	100	.....	.....	.....
Grundy	....	.....	100	100	.....
Henderson	90	100	100	92	92
Henry	110	97	100	100	.....
Iroquois	.....	.....	.....	100	.....
JoDaviess	88	87	100	.....	102
Kane	90	90	100	100	100
Kankakee	....	.....	.....	.....	100
Kendall	100	80	100	100	95
Knox	110	100	90	.....	103
Lake	93	93	98	98	97
LaSalle	95	92	95	100	90
Lee	105	100	102	95	83
Livingston	.....	.....	100	75	.....
Marshall	100	100	120	93	.....
McHenry	84	100	100	100	92
Mercer	100	.....	.....	50	100
Ogle	87	90	100	80	100
Peoria	90	93	....	90	90
Putnam	107	100	97	100	100
Rock Island	105	95	100	100	105
Stark	100	100	98	100	97
Stephenson	94	107	100	100	100
Warren	88	97	100	93	105
Whiteside	102	90	100	95	100
Will	105	100	100	100	101
Winnebago	107	85	98	100	106
Woodford	100	100	97	.....	100
Average	99	95	99	94	96

CENTRAL DIVISION,

Counties.	Acreage 1885, compared with 1884	Average condition May 1, 1885	Average condition May 1, 1884	Average condition May 1, 1883	Average condition May 1, 1882
Adams	.....	.....	.....	.....	....
Brown	110	100	.....	.....	.....
Calhoun	.....	.....	.....	.....	.....
Cass	.....	.....	.....	100	.....
Champaign	.....	.....	.....	.....	....
Christian	.....	.....	.....	.....	....
Clark	.....	.....	.....	.....	.....
Coles	.....	....	.....	.....	.....
Cumberland	....	....	.....	.....	....
DeWitt	100	100	100	110	95
Douglas	.....	....	.....	.....	115
Edgar	....	.....	.....	.....	....
Ford	.....	.....	.....	.....	...
Fulton	....	.....	100	96	102
Greene	115	100	.....	....	75
Hancock	.....	.....	.....	.....	.....
Jersey	.....	.....	.....	.....	.....
Logan	150	100	.....	.....	95
Macon	.....	.....	.....	.....	.....
Macoupin	.....	.....	.....	....	....
Mason	.....	....	.....	.....	....
McDonough	62	87	83	85	95
McLean	.....	.....	.....	.....	100
Menard	.....	.....	100	.....	.....
Montgomery	.....	....	.....	.....	.....
Morgan	150	100	.....	.....	.....
Moultrie	.....	.....	.....	.....	....
Piatt	.....	.....	.....	.....	90
Pike	...	.....	.....	.....	.....
Sangamon	110	100	100	100	....
Schuyler	.....	.....	.....	.....	100
Scott	.....	.....	.....	.....	.....
Shelby	.....	.....	.....	.....	....
Tazewell	.....	.....	.....	90	100
Vermilion	.....	.....	120	.....	.....
Average	114	98	100	97	97

SOUTHERN DIVISION.

Counties.	Acreage 1885, compared with 1884	Average condition May 1, 1885	Average condition May 1, 1884	Average condition May 1, 1883	Average condition May 1, 1882
Alexander	....	.....	.....	.....	....
Bond	.....	.....	.....	.....	.....
Clay	.....	.....	.....	.....	.....
Clinton	.....	.....	60	.....	.....
Crawford	.....	.....	.....	....	.....
Edwards	....	.....	.....	....	.....
Effingham	.....	.....	...	.....	.....
Fayette	.....	.....	.....	.....	.....
Franklin	.....	.....	....	.....	.....
Gallatin	.....	.....	.....	.....	.....
Hamilton	.....	.....	.....	.....	.....
Hardin	.....	....	.....	.....	.....
Jackson	.....	.....	.....	.....	100
Jasper	.....	.....	.....	.....	.....
Jefferson	.....	.....	.....	.....	.....
Johnson	.....	.....	.....	.....	....
Lawrence	.....	.....	.....	.....	.....
Madison	...	.....	.....	.....	.....
Marion	100	100	.....	.....	.....
Massac	.....	.....	.....	.....	.....
Monroe	.....	.....	.....	.....	....
Perry	.....	.....	.....	.....	.....
Pope	.....	.....	.....	.....	.....
Pulaski	.....	.....	100	.....	.....
Randolph	.....	.....	.....	.....	.....
Richland	.....	.....	.....	.....	.....
Saline	.....	.....	.....	.....	.....
St. Clair	.....	.....	.....	....	.....
Union	.....	.....	.....	.....	.....
Wabash	.....	.....	.....	.....	.....
Washington	.....	.....	.....	.....	...
Wayne	.....	.....	.....	.....	.....
White	.....	.....	.....	.....	.....
Williamson	.....	.....	.....	.....	.....
Average	100	100	80	.....	100

CONDITION WINTER RYE IN ILLINOIS MAY 1, 1885.

NORTHERN DIVISION. Counties.	Av. condition May 1, 1885.	Av. condition May 1, 1884.	Av. condition May 1, 1883.	Av. condition May 1, 1882.	Av. condition May 1, 1881.	Av. condition May 1, 1880.
Boone	100	97	96	100	81	93
Bureau	90	90	100	100	100	80
Carroll	89	104	88	120	96	105
Cook	97	77	100	100	102	72
DeKalb	95	100	96	101	80	83
DuPage	97	91	105	100	100	81
Grundy	86	98	98	90	100	100
Henderson	95	100	92	104	100	98
Henry	91	84	82	102	105	97
Iroquois	97	91	86	115	80	88
JoDaviess	92	100	91	100	80	77
Kane	96	93	99	107	70	92
Kankakee	100	102	95	110	100	87
Kendall	95	101	83	96	90	87
Knox	92	100	82	104	102	100
Lake	87	100	88	107	76	85
LaSalle	80	110	93	96	107	57
Lee	96	101	77	108	100	95
Livingston	88	95	87	98	100	76
Marshall	85	103	105	100	106	100
McHenry	100	109	87	108	100	88
Mercer	97	100	78	103	100	93
Ogle	85	104	95	106	96	102
Peoria	86	94	91	103	100	97
Putnam	93	100	95	106	105	96
Rock Island	83	97	75	105	98	100
Stark	88	97	99	105	102	100
Stephenson	86	91	88	104	85	87
Warren	90	100	94	106	103	95
Whiteside	95	102	85	105	95	90
Will	98	100	102	107	91	100
Winnebago	87	100	98	109	95	100
Woodford	78	100	88	100	101	96
Average	91	96	91	104	95	91

CENTRAL DIVISION. Counties.	Av. condition May 1, 1885...	Av. condition May 1, 1883..	Av. condition May 1, 1883..	Av. condition May 1, 1882..	Av. condition May 1, 1881..	Av. condition May 1, 1880..
Adams	90	90	100	92	80	100
Brown	100	98	92	100	....	103
Calhoun	47	90	100	100	....	110
Cass	97	104	97	108	77	88
Champaign	70	95	100	107	70	100
Christian	85	95	70	96	83	100
Clark	35	58	62	91	80	102
Coles	75	100	86	108	98	100
Cumberland	100	100	65	90	100	100
DeWitt	75	106	77	103	77	93
Douglas	80	95	62	101	78	103
Edgar	..	....	100	100	70	100
Ford	90	100	70	100	70	76
Fulton	92	100	93	104	101	105
Greene	75	100	105	110	95	....
Hancock	100	103	96	100	102	95
Jersey	95	....	....	100	77	..
Logan	97	100	95	101	86	100
Macon	....	96	76	106	92	105
Macoupin	90	75	96	80	87	...
Mason		100	97	105	80	102
McDonough	83	100	100	102	92	100
McLean	80	91	77	97	94	90
Menard	92	100	86	11	96	106
Montgomery	58	89	82	95	91	120
Morgan	90	100	92	105	95	100
Moultrie	70	100	96	99	86	106
Piatt	75	97	83	102	90	100
Pike	98	100	98	100	90	100
Sangamon	98	100	100	106	88	105
Schuyler	85	100	102	102	100	100
Scott	75	95	82	90	95	100
Shelby	50	96	90	97	75	100
Tazewell	97	96	85	107	85	98
Vermillion	100	80	82	104	80	150
Average	83	95	88	101	87	101

SOUTHERN DIVISION. Counties.	Av condition May 1, 1885..	Av. condition May 1, 1884..	Av. condition May 1, 1883..	Av. condition May 1, 1882..	Av. condition May 1, 1881..	Av. condition May 1, 1880..
Alexander	80	90	95	106	100	....
Bond	50	75	75	110	.	110
Clay	....	..	75	71	82	103
Clinton	100	....	60	103	85	105
Crawford	85	84	80	98	100	100
Edwards	....	95	100	100	....	....
Effingham	82	96	85	98	95	100
Fayette	45	57	64	96	92	105
Franklin	....	90	75	105	80	...
Gallatin	...	....		105	90	97
Hamilton	50	90	70	93	80	100
Hardin	....	..	75	100	....	100
Jackson	70	100	87	102	100	100
Jasper	63	66	70	110	80	100
Jefferson	54	48	65	96	71	100
Johnson	67	82	78	88	100	100
Lawrence	....	80	95	90	....	....
Madison	87	90	85	95	92	100
Marion	...	....	55	101	60	110
Massac	50	70	87	108	....	60
Monroe	93	105	95	100	87	107
Perry	87	88	89	99	75	100
Pope	42	....	70	100	...	....
Pulaski		100	100	....	100	110
Randolph	100	90	85	103	....	100
Richland	80	77	64	101	53	109
Saline	50	100	66	100	85	107
St. Clair	100	100	95	100	100	105
Union	70	97	95	101	98	100
Wabash	....	....	....	....	..	100
Washington	77	91	85	100	90	100
Wayne	50	100	46	101	65	135
White	..	95	75	110	75	100
Williamson	..	75	82	98	..	....
Average	71	85	78	99	85	105

*Estimated.

ACREAGE AND CONDITION OATS, MAY 1, 1885.

NORTHERN DIVISION. Counties.	Acr'ge comp'd with 1884....	Av. condition May 1, 1885..	Av. condition May 1, 1884..	Av. condition May 1, 1883..	Av. condition May 1, 1882..
Booone	83	65	92	95	92
Bureau	115	82	100	100	105
Carroll	102	...	100	90	..
Cook	102	103	100	102	97
DeKalb	99	98	92	108	90
DuPage	107	87	90	100	85
Grundy	96	83	97	100	90
Henderson	94	95	98	100	100
Henry	111	86	100	103	93
Iroquois	90	81	98	90	100
JoDaviess	97	95	100	97	100
Kane	107	96	100	100	99
Kankakee	100	87	100	96	96
Kendall	99	92	98	100	92
Knox	102	95	95	111	105
Lake	100	100	100	98	102
LaSalle	94	91	96	93	87
Lee	99	93	100	99	100
Livingston	99	88	102	89	105
Marshall	105	100	105	100	100
McHenry	99	100	100	100	97
Mercer	102	74	95	94	91
Ogle	92	83	81	95	99
Peoria	99	81	92	96	102
Putnam	98	100	100	99	100
Rock Island	103	94	96	101	104
Stark	102	95	97	100	92
Stephenson	102	91	97	96	100
Warren	110	99	105	105	100
Whiteside	75	75	100	80	95
Will	92	87	103	92	101
Winnebago	97	90	100	88	100
Woodford	102	98	95	102	97
Average	99	90	98	97	97

CENTRAL DIVISION. Counties.	Acr'ge comp'd with 1884....	Av. condition May 1, 1885..	Av. condition May 1, 1884..	Av. condition May 1, 1883..	Av. condition May 1, 1882..
Adams	115	99	89	96	80
Brown	105	87	95	89	100
Calhoun	119	100	100	95	96
Cass	102	92	99	98	100
Champaign	*106	*97	97	97	108
Christian	106	89	82	96	97
Clark	114	96	90	100	101
Coles	116	97	95	100	105
Cumberland	105	97	94	96	100
DeWitt	107	101	102	105	95
Douglas	118	97	80	108	94
Edgar	105	98	108	103	90
Ford	99	93	96	94	96
Fulton	90	95	96	98	95
Greene	130	100	96	100	100
Hancock	105	110	98	100	92
Jersey	105	100	75	93	100
Logan	108	101	95	97	100
Macon	114	102	100	100	102
Macoupin	124	89	81	102	100
Mason	122	90	96	100	96
McDonough	92	95	93	110	97
McLean	100	103	93	91	96
Menard	112	97	100	100	100
Montgomery	121	90	83	99	93
Morgan	125	100	91	95	107
Moultrie	107	100	87	100	103
Piatt	105	97	98	95	98
Pike	150	106	98	98	93
Sangamon	107	102	97	110	96
Schuyler	92	90	97	94	103
Scott	131	100	95	91	105
Shelby	118	100	92	97	98
Tazewell	116	100	97	92	100
Vermilion	107	97	105	105	105
Average	111	97	94	98	98

SOUTHERN DIVISION. Counties.	Acr'ge comp'd with 1884....	Av. condition May 1, 1885..	Av. condition May 1, 1884..	Av. condition May 1, 1883..	Av. condition May 1, 1882..
Alexander	112	100	86	96	103
Bond	125	89	84	90	93
Clay	113	100	97	85	95
Clinton	143	100	90	96	74
Crawford	117	91	92	92	94
Edwards	125	95	102	...	90
Effingham	135	105	100	87	102
Fayette	131	102	98	98	94
Franklin	107	92	100	100	97
Gallatin	105	85	97	92	92
Hamilton	103	100	105	90	62
Hardin	90	70	100	90	87
Jackson	110	95	85	100	95
Jasper	112	100	100	75	83
Jefferson	112	99	100	86	98
Johnson	124	78	100	92	85
Lawrence	110	95	100	94	62
Madison	208	102	97	96	96
Marion	150	105	90	100	87
Massac	168	88	99	95	100
Monroe	144	92	87	96	96
Perry	109	101	100	95	96
Pope	*106	*79	97	100	94
Pulaski	105	87	100	100	107
Randolph	112	97	102	89	92
Richland	102	91	97	86	95
Saline	102	80	85	73	88
St. Clair	225	100	97	94	87
Union	90	80	97	100	100
Wabash	110	87	95	70	91
Washington	118	100	100	90	75
Wayne	115	98	100	69	81
White	157	90	90	101	89
Williamson	108	87	100	92	77
Average	122	93	96	91	90

* Estimated.

LIVE STOCK,

Number and Condition.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	Per ct. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per ct. on hand May 1, 1884, compared with May 1, 1884	Condition May 1, 1875.	Per ct. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per ct. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per ct. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per ct. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams	95	84	94	85	100	100	92	95	72	90	93	88
Alexander	98	93	100	100	107	101	100	101	88	88	107	105
Bond	107	97	100	97	96	100	97	101	82	100	96	92
Boone	97	100	100	100	100	100	90	100	90	101	75	100
Brown	95	83	93	85	95	92	100	97	82	88	93	88
Bureau	95	90	105	90	90	87	90	95	80	90	110	95
Calhoun	101	90	102	90	102	90	100	90	103	92	110	80
Carroll	101	102	101	101	99	97	102	100	99	99	66	100
Cass	97	97	97	97	101	102	95	100	96	94	95	100
Champaign	110	100	105	100	115	100	105	100	75	95	108	100
Christian	91	92	102	94	100	97	99	97	79	91	100	97
Clark	101	99	107	100	95	95	95	95	93	95	101	94
Clay	94	94	105	100	100	99	95	100	92	94	85	97
Clinton	93	02	95	98	98	98	98	98	90	101	100	90
Coles	97	96	101	92	102	100	98	101	90	91	95	92
Cook	102	100	103	100	100	100	95	100	92	100	100	100
Crawford	94	90	96	90	91	90	87	97	85	86	90	92
Cumberland	100	93	102	92	105	93	93	93	92	92	78	80
DeKalb	100	97	101	97	97	100	101	100	101	99	86	100
DeWitt	92	97	97	97	96	96	101	102	91	102	92	97
Douglas	98	88	92	87	99	97	89	100	72	90	83	93
DuPage	92	97	106	95	97	95	110	100	95	97	80	95
Edgar	87	97	95	92	95	92	90	97	82	93	88	100
Edwards	100	90	100	90	100	100	100	100	94	90	95	95
Effingham	95	87	92	82	102	96	95	97	72	75	102	90
Fayette	101	102	102	100	99	102	99	100	94	100	99	96
Ford	97	96	98	95	98	100	100	100	44	96	83	96
Franklin	99	96	78	76	101	99	85	101	96	87	92	95
Fulton	99	92	101	95	96	95	100	95	90	97	93	88
Gallatin	82	80	95	85	95	85	82	80	80	90	100	100
Greene	102	103	105	100	99	102	100	100	100	95	107	98
Grundy	97	92	105	91	101	94	101	100	71	94	80	100
Hamilton	87	90	100	95	90	97	95	100	83	87	63	103
Hancock	100	100	97	100	102	105	100	100	87	100	100	100
Hardin	90	90	90	90	100	95	100	95	80	85	80	90
Henderson	95	94	91	94	99	99	95	97	80	96	95	93
Henry	98	94	97	94	99	95	100	100	98	99	95	97
Iroquois	96	94	100	97	96	97	94	100	65	100	87	96
Jackson	95	90	85	85	100	100	95	100	100	100	100	95
Jasper	100	100	94	93	102	97	93	07	90	88	90	95
Jefferson	93	86	96	94	93	94	89	94	82	79	98	93
Jersey	85	90	90	80	100	90	100	100	95	100	100	100
JoDaviess	102	101	101	100	102	101	97	100	101	102	90	100
Johnson	100	93	102	93	103	98	99	96	81	90	97	92
Kane	102	100	99	100	104	97	95	103	94	100	82	98
Kankakee	100	96	102	94	99	99	100	100	100	97	90	97
Kendall	100	95	100	89	100	100	100	100	88	100	92	100
Knox	100	95	103	12	102	100	97	99	95	97	90	93
Lake	98	99	102	103	99	92	100	100	102	100	81	100
LaSalle	93	94	96	96	98	94	95	100	82	93	95	97
Lawrence	98	97	102	95	97	93	100	95	97	95	92	97
Lee	98	97	99	96	99	100	100	100	96	100	92	100

LIVE STOCK—Continued.

COUNTIES.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	Per cent. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per cent. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per cent. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per cent. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per cent. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.	Per cent. on hand May 1, 1885, compared with May 1, 1884	Condition May 1, 1885.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston	102	97	102	97	100	98	98	98	85	97	95	100
Logan	99	99	101	97	100	101	100	101	96	105	98	98
Macon	94	99	100	96	94	92	98	100	71	97	79	100
Macoupin	98	96	106	97	96	97	96	100	92	101	97	96
Madison	96	95	98	97	102	100	102	100	90	100	92	100
Marion	102	97	97	100	97	102	97	100	87	90	105	105
Marshall	100	85	102	85	100	95	100	90	100	85	87	95
Mason	100	95	100	100	100	100	100	100	77	100	.....	.....
Massac	100	105	102	106	99	105	100	105	105	96	92	102
McDonough	100	97	103	97	100	100	100	100	80	100	92	97
McHenry	98	101	94	102	102	103	100	100	99	99	80	99
McLean	99	91	99	90	99	95	99	98	97	94	78	91
Menard	96	92	103	99	103	92	93	99	88	92	77	92
Mercer	81	101	110	105	100	100	103	100	100	97	85	97
Monroe	103	95	100	95	102	98	99	98	94	97	89	98
Montgomery	104	100	99	98	101	97	97	96	96	99	99	95
Morgan	100	100	105	100	93	98	93	100	82	100	100	100
Moultrie	94	100	92	97	100	100	96	100	83	92	112	100
Ogle	97	98	99	100	98	98	98	97	92	97	95	100
Peoria	94	88	97	90	100	97	97	100	95	95	79	95
Perry	99	91	109	95	97	96	92	94	87	77	95	87
Piatt	100	100	100	100	100	97	97	97	95	92	100	100
Pike	97	97	100	95	102	97	100	100	100	103	94	97
Pope	*98	*94	*99	*96	*100	*97	*98	*98	*93	*91	*92	96*
Pulaski	87	95	105	100	95	100	100	100	90	105	100	100
Putnam	102	95	98	97	102	100	102	100	85	97	97	98
Randolph	100	92	100	96	101	100	96	100	94	92	78	97
Richland	101	92	97	90	96	89	94	89	89	91	102	94
Rock Island	94	87	96	87	96	95	95	100	90	95	79	90
Saline	100	90	100	93	97	88	97	93	97	93	93	95
Sangamon	90	90	97	90	103	97	102	97	90	100	80	92
Schuyler	92	90	97	87	95	92	90	95	92	97	87	82
Scott	87	91	95	94	100	95	95	95	80	87	90	90
Shelby	95	94	97	93	92	93	93	95	95	93	93	95
Stark	97	100	100	100	97	97	99	100	94	100	82	100
St. Clair	97	94	99	94	100	97	101	99	101	96	97	90
Stephenson	102	94	81	96	97	100	100	100	98	102	90	96
Tazewell	100	94	99	99	102	99	97	100	96	96	77	94
Union	102	92	100	95	97	95	102	97	102	92	101	92
Vermilion	102	100	100	92	102	97	100	97	70	103	100	97
Wabash	100	97	93	98	100	100	99	100	94	93	87	91
Warren	98	96	101	97	101	94	98	100	98	101	82	96
Washington	97	82	95	82	100	80	97	88	90	80	97	80
Wayne	105	95	100	90	98	92	93	95	95	83	92	103
White	101	90	101	88	100	95	99	96	95	95	95	91
Whiteside	92	95	101	100	100	99	101	100	95	97	90	100
Will	94	89	107	100	91	93	70	85	75	84	75	90
Williamson	98	94	99	99	101	100	96	100	100	91	96	100
Winnebago	99	95	100	97	97	95	100	98	99	100	92	97
Woodford	98	94	98	98	93	97	98	100	93	100	98	98

*Estimated.

GRAIN PROSPECTS, ETC.

Acreage, Condition, Etc.

COUNTIES.	WINT'R GRAIN.		W'R WH'T	W'R RYE.	SPRING WHEAT		OATS.		BARL'Y		MEAD-OWS.		PAS-TURES.	
	Condition of wheat May 1, 1885.	Condition of rye May 1, 1885.	Acr'ge winter-killed, destroyed by floods or Hessian fly.	Acr'ge winter-killed, destroyed by floods or Hessian fly.	Acreage compared with that of 1884	Condition May 1, 1885.	Acreage compared with that of 1884	Condition May 1, 1885.	Acreage compared with that of 1884.	Condition May 1, 1885.	Acreage compared with that of 1884	Condition May 1, 1885.	Acreage compared with that of 1884	Condition May 1, 1885.
	Per cent.	Per cent.	Per cent	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent	Per cent
Adams	43	90	72	20	..	....	115	99	....	....	100	99	101	86
Alexander	60	80	48	15	....	....	112	100	....	....	102	95	97	94
Bond	39	50	81	40	....	....	125	89	....	....	102	94	106	92
Boone	100	100	....	.....	90	85	83	65	....	....	100	102	100	100
Brown	67	100	54	.....	110	100	105	87	....	....	92	88	102	88
Bureau	75	90	75	.....	112	90	115	82	....	....	110	97	102	82
Calhoun	83	47	68	67	....	....	119	100	....	....	100	91	113	91
Carroll	47	89	65	52	112	....	102	....	....	....	100	80	101	82
Cass	65	97	61	10	....	....	102	92	..	..	100	101	100	99
Champaign	70	50	75	70	....	....	105	100	....	....	115	100	110	100
Christian	33	85	80	60	....	..	106	89	....	....	106	89	105	89
Clark	37	35	81	64	....	...	114	96	....	....	108	95	104	96
Clay	62	....	77	.....	....	....	113	100	..	....	105	100	115	94
Clinton	76	100	64	.....		....	143	100	....	..	103	103	102	98
Coles	58	75	79	25	....	....	116	97		....	96	94	100	94
Cook	90	97	.....	.....	92	105	102	103	100	100	103	100	102	97
Crawford	47	85	49	50	....	....	117	96		....	105	87	100	81
Cumberland	45	100	70	90	....	.	105	97	100	....	105	100	100	100
DeKalb	97	95	7	5	105	99	99	98	100	....	100	99	100	96
DeWitt	82	75	62	54	100	100	107	101	....		100	99	100	100
Douglas	54	80	62	47	...	...	118	97	...	....	104	81	97	83
DuPage	80	97	15	.....	110	100	107	87	....	....	95	97	105	87
Edgar	85	....	77	.....	....	....	105	98	....	....	100	93	100	85
Edwards	75	....	50	.....	....	....	125	95	....	...	110	96	120	95
Effingham	75	82	90	75	....	....	135	105	...	....	110	95	107	57
Fayette	24	45	77	10	....	....	131	102	....	....	107	99	104	97
Ford	....	90	.....	14	...	...	99	93	....	....	104	95	106	97
Franklin	41	....	62	.....	...	....	107	92	....	....	100	96	102	100
Fulton	66	92	52	25	....	....	90	95	....	....	100	90	100	88
Gallatine	70	...	46	.....	...	...	105	85	....	..	90	97	90	80
Greene	39	75	82	22	115	100	130	100	100	100	97	98	112	97
Grundy	...	86	.....	95	....	..	98	83	....	....	101	84	102	81
Hamilton	43	50	58	30	....	....	103	100	....	....	107	83	110	85
Hancock	65	100	57	5	....	....	105	110	....	....	85	85	100	90
Hardin	67	....	50	.....	.	....	90	70	....	....	100	85	100	80
Henderson	70	95	60	10	90	100	94	95	....	...	99	91	100	91
Henry	90	91	10	88	110	97	111	86	....	....	100	94	101	90
Iroquois	95	97	.....	10	....	...	90	81	...	....	100	100	100	97
Jackson	40	70	60	30	....	....	110	95	....	....	105	75	75	95
Jasper	40	63	73	37	....	....	112	100	....	....	103	100	103	97
Jefferson	46	54	42	35	....	....	112	99	100	100	106	95	102	91
Jersey	10	95	90	5	...	....	105	100	...	....	105	100	95	95
JoDaviess	49	92	71	10	88	87	97	95	....	....	102	91	104	90
Johnson	39	67	60	80	.	....	124	68	....	..	90	71	89	71
Kane	100	96	10	6	90	90	107	96	100	100	100	94	100	95
Kankakee	78	100	35	12		..	100	87	....	....	100	91	101	91
Kendall	95	95	10	.....	100	80	99	92	....	....	100	92	95	87
Knox	80	92	22	10	110	100	102	95	....	....	99	101	102	100
Lake	62	87	77	5	93	93	100	100	100	100	100	95	100	90
LaSalle	77	80	22	10	95	92	94	91	...	..	97	91	96	86
Lawrence	42	...	48	.....		...	110	95	95	60	103	93	105	96
Lee	75	96	10	7	105	100	99	93	95	83	102	96	103	93

GRAIN PROSPECTS—Continued.

COUNTIES.	WINT'R GRAIN.		W'R WH'T	W'R RYE.	SPRING WHEAT		OATS.		BARL'Y		MEADOWS.		PASTURES	
	Condition of wheat May 1, 1884	Condition May 1, 1885.	Acr'ge winter-killed, destroyed by floods or Hessian fly.	Acr'ge winter-killed, destroyed by floods or Hessian fly.	Acreage compared with that of 1884.	Condition May 1, 1885	Acreage compared with that of 1884.	Condition May 1, 1885.	Acreage compared with that of 1884.	Condition May 1, 1885.	Acreage compared with that of 1884.	Condition May 1, 1885.	Acreage compared with that of 1884.	Condition May 1, 1885.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston	85	88		22			99	88			102	95	100	92
Logan	65	97	76	10	150	100	101	101			103	95	105	97
Macon	87		79				114	102			100	95	101	91
Macoupin	34	90	87	10			124	89			105	96	103	94
Madison	52	87	87	51			108	102			103	100	103	100
Marion	65		25		100	100	150	105	100		95	105	102	100
Marshall		85		12	100	100	105	100			107	90	102	90
Mason	57		65				122	90			117	90	100	90
Massae	55	50	57	75			108	88			105	86	107	86
McDonough	58	83	50	67	62	87	92	95			103	82	103	97
McHenry	92	100	45	5	84	100	99	100	91	100	102	98	98	97
McLean	72	80	70	27			100	103			97	97	101	96
Menard	53	92	64				112	97			98	95	103	90
Mercer	70	97	25	50	100		102	74			105	92	106	94
Monroe	82	93	71	10			144	92	100	100	105	97	102	97
Montgomery	47	58	84	64			121	90	100	100	106	98	105	98
Morgan	80	90	82	27	150	100	125	100			97	93	100	90
Moultrie	48	70	69	77			107	100	100	100	97	96	99	94
Ogle	75	85	57	85	87	90	92	83	80	90	99	96	103	98
Peoria	75	86	50	30	90	83	99	81			97	77	101	77
Perry	59	87	47	12			109	101			101	95	102	92
Piatt	62	75	60	75			105	97			105	100	100	100
Pike	29	98	85	85			150	106			100	96	100	96
Pope	*54	*42	*56	*76			*106	*81			*100	*81	*100	*80
Pulaski	75		70				105	87			110	87	100	87
Putnam	82	93	49	10	107	100	98	100			95	85	100	87
Randolph	72	100	42				112	97			101	96	101	94
Richland	62	80	47				102	91			104	95	100	95
Rock Island	60	83	75	45	105	95	103	94	100	90	101	94	102	91
Saline	55	50	67	75		20	102	80			100	82	100	82
Sangamon	44	98	72	5	110	100	107	102			100	97	100	92
Schuyler	75	95	40				91	90			105	82	95	77
Scott	40	75	89	15			131	100			84	85	92	85
Shelby	10	50	90	50			118	100			103	98	107	96
Stark	75	88	30	25	100	100	102	95	100	100	96	92	97	86
St. Clair	56	100	83				225	100			100	100	100	97
Stephenson	52	86	57	25	94	107	102	91	94	84	100	85	95	83
Tazewell	64	97	61	10			116	100			98	98	91	96
Union	50	70	50				90	80			105	77	110	77
Vermilion	15	100	82	5			107	97			85	100	102	100
Wabash	59		40				110	87			100	90	101	72
Warren	82	90	34	57	88	97	110	99			96	96	96	92
Washington	42	77	42	22			118	100	100		105	100	115	92
Wayne	38	50	69	80			115	98			93	82	103	73
White	54		51				157	90			104	89	107	86
Whiteside	80	95	10	8	102	90	75	75			102	87	105	92
Will		98	5	4	105	100	92	87			96	84	95	82
Williamson	52		58	75			108	87			103	79	102	81
Winnebago	52	87	45	32	107	85	97	90	109	75	93	87	101	82
Woodford	72	78	67	67	100	100	102	98	100	100	98	92	100	85

*Estimated.

CORN ON HAND.

COUNTY.	Bushels produced, 1884.....	Per ct. 1884 crops in producers' hands May 1, 1885.....	Bushels in producers' hands May 1, 1885.....	Bushels in producers' hands May 1, 1884.....	Bushels in producers' hands May 1, 1883.....	Bushels in producers' hands May 1, 1882.....	Bushels in producers' hands May 1, 1881.....	Bushels in producers' hands May 1, 1880.....
Adams	2,661,788	17	452,519	337,543	356,474	272,765	805,103	1,407,408
Alexander	179,684	17	30,540	35,328	36,954	10,121	157,681	.....
Bond	950,061	16	152,010	107,856	252,593	1,150	78,214	439,760
Boone	1,218,888	14	170,644	89,221	106,361	198,153	336,213	293,238
Brown	1,032,150	20	206,430	401,206	152,518	.....	229,837	253,344
Bureau	4,255,748	22	936,264	1,060,812	1,004,858	888,420	1,914,239	2,869,460
Calhoun	624,760	21	131,200	324,780	128,269	27,928	56,606	203,154
Carroll	2,316,100	27	625,347	160,660	552,451	503,760	915,748	1,843,319
Cass	1,403,928	21	294,825	214,700	418,631	243,466	602,504	493,200
Champaign	4,933,575	30	1,480,072	1,956,518	1,114,126	704,000	2,964,363	3,387,318
Christian	3,541,306	14	495,783	212,951	382,709	521,632	804,293	1,290,845
Clark	1,164,800	15	174,720	404,054	240,514	10,499	226,205	535,991
Clay	393,060	7	27,514	73,421	315,659	8,751	60,616	433,509
Clinton	1,280,150	25	300,037	416,462	.....	9,028	156,261	190,317
Coles	1,247,106	11	137,182	290,705	425,736	208,410	479,468	780,850
Cook	1,798,251	16	269,738	68,522	402,084	101,314	424,429	248,064
Crawford	1,097,184	17	186,521	325,786	241,627	.....	262,124	284,708
Cumberland	623,458	25	155,864	235,669	130,945	1,001	196,750	346,193
DeKalb	3,970,392	23	913,190	335,703	458,968	933,791	1,731,240	1,724,869
DeWitt	2,394,390	20	478,878	594,090	498,265	287,210	601,045	1,410,360
Douglas	1,651 122	29	478,825	410,425	623,493	446,985	724,227	959,573
DuPage	1,194,570	19	226,968	.....	68,776	63,711	588,506	124,753
Edgar	2,447,361	30	734,208	89,701	277,625	162,444	643,310	1,255,128
Edwards	272,280	.....	.....	140,328	230,987	1,777	71,843	176,848
Effingham	847,700	20	169,540	94,724	396,778	.....	234,178	221,822
Fayette	476,790	15	71,518	50,315	343,168	....	144,371	668,752
Ford	2,601,864	22	572,410	201,407	963,401	888,355	1,292,014	2,324,716
Franklin	87,175	22	19,178	18,830	221,014	....	51,443	245,498
Fulton	3,547,285	22	780,403	575,931	437,833	576,243	991,524	1,405,145
Gallatin	1,140,600	12	136,800	192,000	317,726	29,955	69,798	349,975
Greene	2,145,276	25	536,319	793,900	1,138,726	500,688	1,167,930	474,290
Grundy	2,521,344	27	680,763	241,599	487,377	494,486	1,088,965	208,664
Hamilton	685,250	22	150,909	77,194	924,445	.....	123,542	211,168
Hancock	3,190,816	25	797,704	257,197	91,882	189,232	683,548	1,197,249
Hardin	118,656	30	35,598	36,855	66,742	11,395	42,852	67,170
Henderson	2,264,185	21	475,479	355,800	413,951	241,035	1,097,547	1,168,258
Henry	4,092,504	30	1,227,761	372,310	923,581	792,181	2,765,138	2,899,218
Iroquois	6,285,840	36	2,262,902	1,170,628	968,398	895,647	1,578,892	2,892,471
Jackson	528,012	20	105,602	118,249	226,320	.....	145,771	330,907
Jasper	459,589	13	59,764	256,276	270,609	.....	319,178	151,241
Jefferson	514,175	7	35,992	185,351	194,625	3,722	149,484	598,466
Jersey	1,101,536	25	275,384	454,384	293,752	53,408	261,419	314,974
JoDaviess	1,901,948	13	247,253	110,179	324,595	161,200	157,927	477,550
Johnson	534,072	25	133,518	194,731	147,046	16,560	109,004	131,929
Kane	1,840,685	25	460,171	246,208	204,967	636,649	655,267	489,404
Kankakee	2,142,828	31	664,277	418,650	610,664	548,660	689,850	358,088
Kendall	1,916,145	27	517,359	273,901	741,467	307,769	890,499	624,312
Knox	4,077,484	19	774,620	363,712	511,461	938,948	2,068,867	1,513,712
Lake	825,440	15	123,816	44,214	83,441	177,670	140,390	126,849
LaSalle	5,982,318	25	1,495,579	1,504,608	1,930,442	1,534,786	3,938,177	4,792,466
Lawrence	603,262	30	180,979	123,144	209,067	11,555	366,617	143,107
Lee	4,204,380	29	1,219,270	672,701	1,367,444	1,009,051	1,102,732	1,267,508

CORN ON HAND—Continued.

COUNTIES.	Bushels produced, 1884.....	Per ct. 1884 crop in producers' hands May 1, 1885.....	Bushels in producers' hands May 1, 1885.....	Bushels in producers' hands May 1, 1884.....	Bushels in producers' hands May 1, 1883.....	Bushels in producers' hands May 1, 1882.....	Bushels in producers' hands May 1, 1881.....	Bushels in producers' hands May 1, 1880.....
Livingston	5,844,050	23	1,344,131	549,583	1,048,267	2,793,409	1,430,329	2,944,718
Logan	4,054,425	27	1,094,695	1,112,069	854,843	1,774,823	1,855,079	2,295,488
Macon	4,718,688	21	990,924	1,058,728	454,700	843,744	859,628	1,413,101
Macoupin	3,196,060	26	831,976	467,840	456,421	356,649	1,013,875	1,598,235
Madison	2,885,036	23	663,558	449,074	588,612	18,850	854,719	1,249,890
Marion	510,913	22	112,401	18,086	231,974	...	74,379	671,314
Marshall	2,560,000	30	768,000	620,000	578,491	475,964	1,117,614	1,956,821
Mason	1,004,525	20	200,905	128,404	78,615	153,787	123,030	692,890
Massac	369,784	30	110,934	54,402	105,764	18,075	85,949	63,643
McDonough	3,075,280	25	768,820	442,071	130,626	560,000	486,859	1,211,740
McHenry	2,205,294	30	661,588	113,152	420,807	307,534	964,753	556,290
McLean	6,885,441	35	2,409,904	2,297,361	1,387,087	2,535,000	2,864,107	4,019,488
Menard	1,587,300	13	206,349	354,145	437,711	517,769	548,241	569,574
Mercer	2,906,964	18	523,254	333,144	487,885	560,035	1,650,825	926,075
Monroe	565,565	16	90,490	116,953	103,900	12,083	146,050	233,167
Montgomery	2,477,112	15	371,567	540,044	534,039	64,412	683,254	1,091,604
Morgan	4,357,406	20	871,481	645,921	526,664	622,976	500,326	664,610
Moultrie	1,273,356	20	254,671	426,711	261,240	254,776	581,780	884,102
Ogle	4,323,746	33	1,426,836	342,335	919,522	965,562	2,286,280	2,525,380
Peoria	2,262,182	21	475,058	196,737	488,045	582,011	794,790	484,010
Perry	172,424	17	29,312	31,036	56,504	142	11,168	95,745
Piatt	1,821,180	17	309,601	1,660,179	328,532	321,197	685,772	878,592
Pike	2,409,966	27	650,670	422,938	586,459	183,511	251,911	656,058
Pope	595,551	*31	184,621	135,352	154,328	9,240	56,470	94,920
Pulaski	261,425	20	52,285	20,533	109,133	....	109,890	35,971
Putnam	1,190,842	33	392,978	383,355	289,821	127,037	374,004	599,134
Randolph	765,204	15	114,781	93,843	189,695	49,184	94,938	257,675
Richland	271,288	25	68,808	56,479	140,930	.....	34,129	220,335
Rock Island	1,618,925	27	437,110	133,961	147,217	114,932	578,914	445,792
Saline	388,925	20	77,785	96,596	156,058	15,905	105,348	306,745
Sangamon	4,788,960	25	1,197,240	1,328,183	529,640	694,193	1,082,696	1,432,242
Schuyler	1,428,696	15	214,304	282,777	101,710	331,881	156,422	587,034
Scott	514,200	35	179,970	123,754	167,257	271,656	352,471	434,100
Shelby	2,330,316	12	279,638	208,421	325,245	280,000	637,585	918,226
Stark	2,295,765	20	459,153	287,155	426,737	229,286	821,601	1,993,241
St. Clair	1,948,012	23	448,043	384,530	429,304	71,428	292,776	466,580
Stephenson	2,985,622	31	925,543	211,740	637,659	861,079	1,025,057	1,313,287
Tazewell	2,832,597	26	736,475	587,350	891,414	384,361	1,246,977	1,856,055
Union	411,842	25	102,960	85,682	189,568	21,000	172,042	235,987
Vermilion	4,579,222	21	961,637	677,873	645,309	239,569	1,210,399	1,707,491
Wabash	498,212	19	94,660	85,303	122,874	4,219	54,078	194,614
Warren	3,408,930	29	988,590	440,584	439,826	936,472	1,596,105	2,257,139
Washington	486,375	10	48,637	817,690	.....	.....	69,040	208,229
Wayne	282,568	10	28,257	266,213	597,454	.....	112,902	408,056
White	951,450	11	104,659	208,549	173,457	5,773	185,485	306,686
Whiteside	2,219,900	32	710,368	446,489	669,546	460,792	1,243,336	1,543,020
Will	3,691,904	35	1,292,166	1,291,752	1,216,454	1,286,625	1,638,348	3,109,882
Williamson	412,360	15	61,854	88,098	88,116	29,870	103,004	221,366
Winnebago	2,227,567	24	534,616	124,436	596,544	691,487	1,026,070	966,782
Woodford	3,513,930	27	948,761	639,456	417,309	795,147	309,803	2,741,744
Total or average	207,556,662	24	50,102,262	39,478,621	43,450,857	37,445,964	71,929,343	99,239,889

*Estimated.

WHEAT ON HAND.

COUNTIES.	Bushels produced 1884.....	Per ct. 1884 crop in producers' hands May 1, 1885 ..	Bushels in producers' hands May 1, 1885	Bushels in producers' hands May 1, 1884	Bushels in producers' hands May 1, 1883.....	Bushels in producers' hands May 1, 1882.....
Adams	1,203,361	25	300,840	212,498	264,399	143,298
Alexander	149,291	16	23,886	30,519	18,255	20,536
Bond	356,370	14	48.891	8,536	105,024	10,506
Boone	34,113	10	3,411	4,993	.....	5,463
Brown	438,464	22	96,462	133,813	135,750	.....
Bureau	51,48[illegible]	30	15,447	5,400	13,020	17,207
Calhoun	397,360	13	51,657	30,553	26,412	9,953
Carrroll	64,400	50	32,200	6,503	.....	.....
Cass	341,100	17	57,987	33,366	49,772	13,628
Champaign	534,622	.....	.....	28,277	82,161	32,520
Christian	721,896	9	64,971	30,944	119,449	21,386
Clark	257,355	15	38,603	21,074	137,734	36,486
Clay	172,365	10	17,237	26,414	98,960	27,757
Clinton	1,096,685	5	54,834	4,988	.....	47,556
Coles	287,079	11	31,579	12,244	74,518	48,078
Cook	16,628	.....	.....	3,644	2,140	3,410
Crawford	254,052	19	48,270	25,550	146,083	18,701
Cumberland	404,894	22	89,077	26,311	25,813	42,022
DeKalb	13,608	25	3,402	.....	.....	.....
DeWitt	121,476	21	25,510	11,130	36,570	10,427
Douglas	157,138	25	39,284	8,294	61,327	28,118
DuPage	22,025	5	1,101	.....	.....	1,272
Edgar	518,327	18	93,299	10,289	152,234	81,314
Edwards	396,528	25	99,132	58.019	46,073	.....
Effingham	299,192	22	65,822	43,512	135,823	45,467
Fayette	377,950	12	45,354	17,943	170,511	27,958
Ford	7,599	.....	.....	.....	.....	.....
Franklin	41,833	21	8,785	10,059	86,256	11,418
Fulton	753,976	22	165,875	220,386	144,093	53,579
Gallatin	574,000	15	86,100	19,421	37,538	11,393
Greene	704,924	22	155,083	127,706	285,870	148,396
Grundy	3,546	25	886	416	.....	368
Hamilton	150,745	23	34,671	11.251	117,864	8.428
Hancock	430,954	22	94,810	103,976	69,836	18,761
Hardin	26,436	15	3,969	6,745	29,205	3,704
Henderson	89,035	17	15,136	14,463	13,184	6,583
Henry	31,622	.....	.....	.....	.....	.....
Iroquois	62,864	20	12,573	7,786	19,166	13,677
Jackson	568,872	25	142,218	66,199	132,246	34,365
Jasper	152,515	10	15,251	13,056	84,240	23,839
Jefferson	429,751	12	51,570	33,674	143,363	75 132
Jersey	802,109	17	136,357	45,057	103,331	93,142
JoDaviess	122,961	20	24,592	14,307	7,978	9,527
Johnson	214,170	22	47,117	47,311	74,435	16,623
Kane	7,929	40	3.172	921	1,935	826
Kankakee	35,184	25	8,799	2,774	8,118	4,411
Kendall	2,873	.....	.....	.....	1,590	1,435
Knox	72,084	.....	.....	10,887	.....	17,999
Lake	48,222	25	12,055	6,843	5,151	7,775
LaSalle	69,119	24	17,280	12,706	77,789	10,769
Lawrence	377,330	15	56,599	18,437	96,997	44,018
Lee	86,200	45	38,790	36,204	13,479	37,462

WHEAT ON HAND—Continued.

COUNTIES.	Bushels produced 1884	Per ct. 1884 crop in producers' hands May 1, 1885	Bushels in producers' hands May 1, 1885	Bushels in producers' hands May 1, 1884	Bushels in producers' hands May 1, 1883	Bushels in producers' hands May 1, 1882
Livingston	11,644	20	2,329	1,052	3,921	2,577
Logan	489,201	13	64,766	17,133	112,900	44,437
Macon	354,228	23	81,472	17,259	127,616	58,352
Macoupin	1,092,047	25	283,932	154,797	126,641	242,898
Madison	1,284,272	32	282,540	80,362	242,191	183,480
Marion	318,808	22	70,138	.....	255,122	12,976
Marshall	12,800	.....	.....	3,325	1,773	1,364
Mason	139,572	20	27,914	29,310	72,757	7,647
Massac	228,024	32	72,968	10,039	45,522	43,150
McDonough	193,848	30	58,154	23,846	45,909	27,247
McHenry	83,476	25	20,869	14,651	13,702	23,357
McLean	99,072	24	23,777	23,551	41,931	6,787
Menard	470,145	25	117,536	14,546	86,347	26,638
Mercer	15,550	5	777	6,254	3,461	15,777
Monroe	1,347,440	19	256,014	122,153	358,382	93,675
Montgomery	1,018,229	14	142,552	39,128	224,194	43,757
Morgan	380,332	18	68,460	41,836	81,838	51,552
Moultrie	175,494	13	22,814	38,464	25,171	656
Ogle	92,274	35	32,296	7,763	11,243	6,905
Peoria	110,839	25	27,710	32,548	16,282	17,299
Perry	269,500	18	48,510	15,708	53,475	12,210
Piatt	203,722	11	22,409	34,716	30,171	8,516
Pike	1,736,850	19	330,001	131,570	293,364	54,339
Pope	217,002	*20	43,400	11,882	52,173	9,737
Pulaski	124,410	20	24,882	7,386	47,695	18,676
Putnam	20,328	17	3,456	7,717	4,341	3,475
Randolph	1,222,338	17	207,797	83,492	334,348	70,119
Richland	185,970	14	27,895	23,347	85,870	14,606
Rock Island	30,105	10	3,010	.....	3,247	.....
Saline	143,893	18	25,883	22,088	102,835	27,921
Sangamon	755,464	25	188,866	32,294	112,691	62,139
Schuyler	570,805	22	125,577	48,679	81,031	40,769
Scott	178,831	22	39,343	10,919	40,433	15,510
Shelby	669,368	24	158,474	47,923	57,757	4,862
Stark	6,090	5	304	.....	341	2,142
St. Clair	1,660,453	20	332,091	40,832	269,252	61,970
Stephenson	175,541	23	40,374	25,462	39,367	13,121
Tazewell	390,416	26	101,508	98,478	124,291	35,185
Union	323,708	28	90,638	63,224	92,268	33,584
Vermilion	381,616	7	26,713	13,857	166,055	80,834
Wabash	326,160	11	35,878	17,745	47,240	4,531
Warren	16,380	27	4,423	3,065	5,029	6,890
Washington	842,836	20	168,567	91,616	451,457	23,562
Wayne	273,209	15	40,980	13,964	150,480	18,650
White	590,473	6	35,428	30,643	56,583	7,700
Whiteside	26,118	50	13,059	8,877	8,488	.....
Will	31,172	10	3,117	.....	17,472	.....
Williamson	204,746	14	28,664	10,210	58,198	34,174
Winnebago	75,393	37	27,895	3,645	11,497	1,975
Woodford	56,956	23	13,100	6,605	22,620	8,606
Total or average	34,367,493	18	6,350,202	3,208,368	8,174,634	2,924,039

*Estimated.

Summary for April, 1885.

STATIONS.	Highest Barometer....	Date	Lowest Barometer.....	Date	Mean Barometer.....	Range of Barometer...	Mean Relative Humidity.....	Highest Temperature..	Date	Lowest Temperature ..	Date	Mean Temperature ...
NORTHERN DIVISION.												
County. *Post Office.*												
McHenry..Marengo....	.....	....	.....	.....	.....	.....	....	74.00	21st	22.70	4th	42.20
Cook.....Chicago	30.319	13th	29.544	10th	30.012	0.775	76.40	76.00	21st	27.00	13th	45.40
Kane .....Aurora.....	30.270	24th	29.550	10th	29.950	0.720	75.00	77.00	21st	21.00	4th	45.67
DeKalb. . Sycamore..	....	.....	.....	.....	.....	.....	.....	75.00	21st	25 00	8th	42.60
Ogle.....Polo.....	.....	.....	.....	.....	.....	.....	.....	75.00	21st	21.00	8th	48.00
Lee .....Prairieville .	30.180	13th	29.500	10th	29.859	0.680	70.16	77.00	21st	25.00	8th	47 50
Rock Is'd.Davenp't, (Ia)	30.365	13th	29.615	10th	30.001	0 750	72.00	74.00	31st	28.00	8th	49.40
Will..... Wilton Centre	30.324	.....	29.605	.....	29.988	0.719	. . ..	80.00	21st	19.00	13th	44.80
Knox.....Oneida.....	.....	.....	.....	.....	.....	.....	.....	78.00	21st	29.00	8th	48.45
Henderson.Oquawka...	.....	.....	.....	... .	.... .	....	.....	76.00	21st	28.00	3d	49.36
Peoria.....Peoria	29.913	13th	29.287	10th	29.601	0.626	69.00	79.00	21st	30,60	13th	51.70
Sums.....	.....	.....	.....	.....	179.412	.....	362.55	....	.....	.....	....	515.(8
Means.....	.....	....	.....	.....	29.902	.....	72.51	.....	.....	.....	.....	46.82
CENTRAL DIVISION.												
Hancock ..Keokuk, (Ia)	30.363	13th	29.659	30th	29.985	0.704	76.10	76 90	21st	28.00	8th	49.70
Sangamon Springfield..	30.346	13th	29.578	30th	29.977	0.768	68.00	76.20	21st	30.00	8th	51.70
Champaign.Philo	30.290	19th	29.580	10th	30.000	0.710	.....	79.00	21st	29.00	8th	50.00
Douglas...Hugo.....	.....	.... .	.....	.. ..	.....	.....	.....	80.00	21st	32.00	8th	50.37
Pike.....Griggsville..	30.490	13th	29.750	11th	30.100	0.740	.....	78.00	21st	26 00	8th	49.60
Coles .....Mattoon.	.....	.....	.....	.....	.....	.....	....	79.00	22d	29.00	6th	49.00
Christian..Pana..... ...	.....	....	.....	.....	.....	.....	.....	77.00	21st	31.00	9th	52 28
M'ntg'm'y.Litchfield...	.....	....	.....	.....	.....	.....	... .	75.00	21st	31.00	8th	52.10
Macoupin Bunker Hill.	.....	.....	...	.....	.....	... ..	.....	81.00	30th	24.00	4th	52.83
Sums.....	. .	....	.....	.....	120.052	.....	144.10	.....	.....	.....	.. .	457 58
Means	.....	.....	.....	.....	30 013	.....	72.05	.....	.....	.....	. .	50 84
SOUTHERN DIVISION.												
Crawford..Palestine ...	.....	....	.....	.....	.....	.....	.....	80.00	22d	33.70	8th	55.37
Fayette. ..Vandalia. ..	.....	...	.....	.....	.....	.....	.....	80.00	21st	32.00	8th	56 50
Bond.....Greenville ..	.....	....	.....	.....	.....	.....	.....	84.50	20th	29.00	4th	56.07
Clinton. ..Carlyle.....	.....	....	.....	.....	.....	.....	.....	....	....	....	....	.....
Madison ..Collinsville..	.....	....	.....	.....	.....	.....	.....	78.00	30th	27.50	4th	54.80
Marion....Centralia. ..	....	...	....	.. .	.....	....	.....	84.00	21st	28.00	4th	55.43
St.Clair..St.Louis, (Mo.)	30.379	13th	29.562	30th	29.999	0.817	66.90	79.00	21st	32.10	18th	56.40
St Clair ..Mascoutah..	.....	....	.....	.....	.....	....	.....	82.00	23d	22.00	8th	.....
Wayne....Fairfield .	.....	. ...	....	.....	.....	.....	.....	81.00	23d	35.00	13th	.....
Hamilton..McL'nsboro.	.....	....	.....	.....	..... .	.....	... .	82.00	22d	28.00	4th	59.80
Perry.. Swanwick...	.....	....	.....	.....	.....	.....	.....	78 00	30th	30 00	4th	54.75
Willi'm'sn.Marion.....	.....	....	.....	.....	.....	.	.....	78.00	22d	36.00	3d	60.41
Union.....Anna.....	30.390	.....	29.600	.....	30.075	0.790	.....	81.00	.....	33.00	.....	58.46
Pope .....Golconda ..	....	....	.....	...	.....	.....	.....	87.10	22d	36.00	8th	60.60
Alexander Cairo.....	30.376	13th	29.538	30th	30.004	0.838	61.70	81.00	22d	34.00	4th	59.70
Sums	.....	... .	.....	.....	90.078	... ..	128.60	.....	... .	.....	. ..	688.29
Means..... . .	.....	. . .	.....	.....	30.026	.....	64.30	.....	.....	.....	. ...	57 36
State Average.....	.....	....	.....	.....	29.965	.....	70.58	.....	.....	.....	.....	51.90

Summary for April, 1885.—Continued.

STATIONS.	Range of Temperature	Greatest Daily Range of Temperature.....	Date	Least Daily Range of Temperature.....	Date	Mean Daily Range of Temperature.....	Number of Clear Days.	Number of Fair Days..	Number of Cloudy D'ys	Days on which rain fell.	Total Rainfall for Month.....	Average Daily Rainfall.....	Direction of Wind.....	Snowfall in inches during Month.....
NORTHERN DIVISION.														
County. *Post Office.*														
McHenry....Marengo ..	51.30	23.70	7th	1.80	16th	12.19	6	11	13	13	3.97	.132	E	3.00
Cook .....Chicago ..	49.00	27.80	2d	6.70	3d	15.00	3	19	8	16	4.00	.133	N	.....
Kane.....Aurora....	56.00	38.00	5th	3.00	17th	17.57	3	16	11	11	3.58	.119	E	2.00
DeKalb.....Sycamore .	50.00	23.80	7th	0.40	16th	12.73	8	4	18	14	4.31	.144	NE	2.30
Ogle.....Polo	54.00	29.00	7th	1.00	16th	14.37	..	....	...	12	4.52	.151	NE	1.00
Lee..... Prairieville	52.00	29.00	6th	2.00	16th	14.18	5	6	19	10	4.01	.134	E	.75
Rock Isl'd.D'v'np't,(Ia.)	46.00	25.80	6th	5.10	16th	16.10	0	15	15	18	2.47	.082	NW	.....
Will. .....Wilton Cent.	61.00	41.00	5th	6.00	17th	23.77	4	18	8	8	3.37	.112	SE	1.00
Knox. .....Oneida.....	49.00	31.00	5th	2.00	16th	14.63	7	6	17	13	3.58	.119	S	.50
Henderson..Oquawka ..	48.00	35.00	3d	2.00	30th	15.77	..	....	...	6	3.24	.108	.....	.....
Peoria .....Peoria.	49.00	.....	....	....	...	.....	..	...	...	12	4.44	.148	S	.....
Sums.....	565.30	.....	...	.....	.....	156.31	36	109	109	133	41.49	1.382	.....	10.55
Means.....	51.39	..	....	.....	.....	15.63	4	14	14	12	3.77	.126	.....	1.71
CENTRAL DIVISION.														
Hancock...Keokuk (Ia).	48.90	29.60	4th	5.80	17th	16.70	4	14	12	13	3.33	.111	S	.....
Sangamon..Springfield	46.20	30.20	5th	7.00	3d	17.20	5	15	10	17	6.36	.212	S	.90
Champaign.Philo.....	50.00	22.00	29th	4.00	14th	12.48	8	13	9	13	.....		E	.....
Douglas.....Hugo.....	48.00	36.00	6th	4.00	3d	15.50	0	16	14	8	4.37	.146	SW	.25
Pike ... ...Griggsville	52.00	27.00	4th	5.00	17th	15.30	4	13	13	15	6.62	.221	NW	.52
Coles.....Mattoon. ..	50.00	.....	....	.....	.....	.....	12	0	18	14	6.20	.207	N	.02
Christian....Pike.. ..	46.00	26.00	7th	3.00	3d	13.07	4	14	12	7	5.11	.170	SE	2.00
Montg'mery.Litchfield..	44.00	25.00	5th	0.00	17th	12.53	..	....	...	13	3.55	.118	SW	.....
Macoupin.Bunker Hill..	57.00	42.00	5th	11.00	17th	23.20	..	.. .	...	13	4.27	.142	.....	1.71
Sums	442.10	.....	. ..	.....	.....	125.98	37	85	88	113	39.81	1.327	.....	5.40
Means.....	49.12	.....	....	.....	....	15.75	5	12	13	12	4.98	.166	.....	.90
SOUTHERN DIVISION.														
Crawford...Palestine...	46.30	28.00	5th	4.00	3d	13.18	4	17	9	11	4.70	.157	S	1.00
Fayette ...Vandalia....	48.00	25.00	8th	6.00	15th	14.93	8	14	8	3	.....		N	.....
Bond.... ...Greenville.	55.00	35.00	5th	8.00	3d	19.07	..	....	...	11	5.90	.197	NW	2.00
Clinton.....Carlyle	.....	....	....	.....	....	. .	0	19	11	11	3.50	.117	.....	.....
Madison ..Collinsville ..	50.50	32.00	5th	4.00	3d	18.88	..	.	...	9	4.32	.144	. ...	.....
Marion.....Centralia .	56.00	36.00	5th	5.00	3d	19.83	3	14	13	7	7.45	.248	SE	..
St. Clair..St. Louis (Mo).	46.90	31.80	7th	6.20	18th	17.50	7	11	12	14	4.84	.161	SE	.....
St. Clair ....Maseoutah	50.00	34.00	5th	2.00	3d	15.20	..	....	...	10	6.30	.210	.. ..	.....
Wayne ..... Fairfield. .	49.00	31.00	15th	5.00	3d	16.90	11	11	8	4	2.17	.072	W	.....
Hamilton M'Leansboro.	54.00	33.00	5th	4.00	3d	20.30	..	...	...	5	2.22	.074	NW	.....
Perry. ..... Swanwick.	48.00	30.00	5th	1.00	3d	14.30	..	....	...	8	2.91	.097	NW	.....
Williamson..Marion	42.00	27.00	19th	2.00	3d	13.53	7	17	6	5	2.95	.098	.....	.....
Union.....Anna	48.00	.. ...	..	.. .	.....	...	.	...	...	8	2.69	.090	S	.....
Pope.....Golconda..	51.00	31.00	5th	2.00	3d	17.03	3	22	5	8	2.86	.095	SE	.....
Alexander..Cairo	47.60	34.00	3d	7.00	9th	17.90	5	17	8	14	1.43	.048	SE	.....
Sums	691.70	.....	.. .	.....	. ....	218.55	48	142	80	128	54.24	1.808	.....	3.00
Means.....	49.36	.... .	...	.....	.....	16.81	5	16	9	8	3.87	.129	.....	1.50
State Average	49.97	.....	....	.....	.....	16.16	5	13	12	11	4 .11	.137	.....	1.26

Summary of Meteorological Observations for the Month of April, 1885, made to the Department of Agriculture, MaY 1, 1885. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.

STATIONS.	Elevation above sea level	BAROMETER.			THERMOMETER.			HUMIDITY.	*WIND.		RAIN.			Depth of snow, in inches, on ground at close of month	Total snowfall, in inches, during the month
		Highest barometer during month	Lowest	Mean	Highest temperature	Lowest	Mean	Mean	Prevailing	Maximum velocity or force	Total rainfall or melted snow	No. of days on which 0.01 or more rain or melted snow fell	No. of days on which cloudiness averaged 8 or more on a scale of ten		
	Feet.	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inches	No.	No.	Inches	Inches
NORTHERN DIVISION.															
County. *Post Office.*															
McHenry.....Marengo.....	925				74.00	22.70	42.20		E.	5	3.97	13	13		3.00
Cook .....Chicago.....	661	30.319	29.544	30.012	76.00	27.00	45.40	76.40	N.	4	4.00	16			
Kane.....Aurora.....	676	30.270	29.550	29.950	77.00	21.00	45.67	75.00	E.	4	3.58	11	12		2.00
De Kalb.....Sycamore.....	800				75.00	25.00	42.60		N E.	4	4.31	14	18		2 30
Ogle.....Polo.....					75 00	21.00	48.00		N E.		4.52	12	12		1.00
Lee.....Prairieville.....	725	30.180	29.500	29.859	77.00	25.00	47.50	70.15	E.	5	4.01	10	19		.75
Rock Island....Davenport, (Ia.)		30.365	29.615	30.001	74.00	28.00	49.40	72.00	N W.	5	2.47	18			
Will.....Wilton Centre..	600	30.324	29.605	29.989	80.10	19.00	44.80		N E.	5	3.37	8	14		1.00
Knox.....Oneida.....					78.00	29.00	48.45		S.		3.58	13	17		.50
Henderson.....Oquawka.....					76.00	28.00	49.36				3.24	6			
Peoria.....Peoria.....	475	29.913	29.287	29.601	79.00	30.00	51.70	69.00	S.	4	4.44	12	11		
Sums.....				179.412			515.08	362.55		36	41.49	133	116		10.55
Means.....				29.902			46.82	72.51		4	3.77	12	14		1.71
CENTRAL DIVISION.															
Hancock.....Keokuk, (Ia.)...		30.363	29.659	29.975	76.90	28.00	49.70	76.10	S.	5	3.33	13			
Sangamon.....Springfield.....	644	30.346	29.598	29.977	76.20	30.00	51.70	68.00	S.	4	6.36	17			.90

Champaign	Philo		30.290	29.580	30.000	79.00	29.00	50.00		E.			13	10	
Douglas	Hugo					80.00	32.00	50.37		S W.	7	4.37	8	16	.25
Pike	Griggsville	625	30.490	29.750	30.100	78.00	26.00	49.60		N W.	4	6.62	15	14	.52
Coles	Mattoon	728				79.00	29.00	49.00		N & S.		6.20	14	10	.02
Christian	Pana	760				77.00	31.00	52.28		S.	3	5.11	7	21	2.00
Montgomery	Litchfield.					75.00	31.00	52.10		S W.		3.55	13		
Macoupin	Bunker Hill					81.00	24.00	52.83			3	4.27	13		1.71
Sums					120.052			457.58	144.10		26	39.81	113	71	5.40
Means					30.013			50.84	72 05		4	4.98	12	14	.90
SOUTHERN DIVISION.															
Crawford	Palestine					80.00	33.70	55.37		S.	4	4.70	11	9	1.00
Fayette	Vandalia					80.00	32.00	56.50		N.			3	16	
Bond	Greenville					84.00	29.00	56.07		N W & S E.		5.90	11	8	2.00
Clinton	Carlyle											3.50	11		
Madison	Collinsville					78 00	27.50	54.80				4.32	9	12	
Marion	Centralia	492				84.00	28.00	55.43			3	7.45	7	16	
St. Clair	St Louis, (Mo.)		30.379	29.562	29.999	79.00	32.10	56.40	66.90	S E.	5	4.84	14		
St. Clair	Mascoutah					82 00	32.00					6.30	10		
Wayne	Fairfield.					81.00	32.00			W.		2.17	4	8	
Hamilton	McLeansboro					82.00	28 00	59.80		N W.	6	2.22	5	7	
Perry	Swanwick					78.00	30.00	54.75		N W.	5	2.91	8	9	
Williamson	Marion					78.00	36.00	60.41				2.95	5		
Union	Anna	630	30.390	29.600	30.075	81.00	33.00	58 46		S.	3	2.69	8	6	
Pope	Golconda					87.00	36.00	60.60		S E.	6	2.86	8	9	
Alexander	Cairo	377	30.376	29.538	30.004	81.00	34 00	59.70	61.70	S E.	5	1.43	14		
Sums					90.078			688.29	128.60		37	54.24	128	100	3.00
Means					30.026			57.36	64 30		4	3.87	8	10	1.50
State Average					29.969			51.90	70.58		4	4.11	11	12	1.26

Daily Mean Temperature for April, 1885, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	TEMPERATURE, IN DEGREES, ON EACH DAY OF THE MONTH.																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mean
NORTHERN DIVISION.																															
County. *Post Office.*																															
McHenry.....Marengo.....	38	39	29	34	51	52	43	28	31	40	36	31	29	33	40	38	35	41	50	62	65	64	47	43	43	48	47	39	50	41	42
Cook.....Chicago.....	42	41	33	40	51	49	54	32	37	43	42	35	32	39	44	41	40	43	49	65	69	67	51	42	46	50	47	41	51	44	45
Kane.....Aurora.....	41	44	30	35	53	55	52	32	34	42	41	38	32	34	43	42	38	44	52	64	68	68	54	45	46	49	54	43	53	45	46
DeKalb.....Sycamore.....	38	38	29	34	47	53	45	30	33	40	35	33	30	34	41	39	37	43	52	61	65	65	49	44	44	40	40	42	46	51	43
Ogle.....Polo.....	...	...	...	...	...	...	30	31	33	41	37	34	30	33	42	34	35	42	50	59	65	67	46	45	46	47	52	41	47	44	48
Lee.....Prairieville.....	46	41	35	38	56	56	45	36	36	42	41	38	37	40	44	42	39	46	55	63	68	69	51	49	46	54	60	48	52	45	47
Rock Island.....Davenport, (Ia.).....	50	44	39	46	57	58	44	38	41	45	43	40	41	46	48	44	43	48	54	61	68	65	50	52	48	53	51	48	54	50	49
Will.....Wilton Centre.....	46	41	29	34	50	55	47	32	25	41	37	32	29	34	43	44	41	45	53	63	67	65	56	43	44	46	56	40	48	46	45
Knox.....Oneida.....	49	46	36	41	58	61	45	36	39	46	42	41	39	43	48	44	40	46	53	64	70	66	49	52	47	48	61	44	53	48	48
Henderson.....Oquawka.....	50	43	41	42	59	56	40	40	39	41	45	42	43	43	48	45	45	46	54	60	67	63	55	56	50	56	54	57	57	50	49
Sums.....	400	377	301	345	482	495	445	335	348	421	399	364	342	379	441	413	393	444	522	622	672	659	508	474	460	491	532	433	511	464	462
Means.....	44	42	33	38	53	56	44	33	35	42	40	36	34	38	44	41	39	44	52	62	67	66	51	47	46	49	53	43	51	46	46
CENTRAL DIVISION.																															
Hancock.....Keokuk, (Ia.).....	51	46	37	45	61	58	46	36	38	46	45	40	41	43	51	47	44	46	54	62	63	63	49	51	46	55	61	52	54	52	50
Sangamon.....Springfield.....	51	51	36	43	60	59	54	39	39	45	46	42	40	43	51	52	48	47	57	63	68	65	62	52	49	55	60	54	56	58	52
Champaign.....Philo.....	...	...	...	...	...	...	...	35	38	44	43	40	35	35	47	48	52	47	57	64	68	66	64	51	51	53	60	47	54	53	50
Douglas.....Hugo.....	47	47	34	40	60	64	55	37	44	45	43	40	36	37	49	51	54	49	59	68	70	70	65	52	52	56	62	51	53	60	50
Pike.....Griggsville.....	49	46	34	41	59	57	47	38	36	52	45	40	39	53	51	53	44	46	50	65	67	62	54	51	45	52	62	49	55	55	50
Coles.....Mattoon.....	51	46	35	39	59	62	57	39	40	47	45	41	44	38	54	52	51	49	64	66	68	68	67	51	53	54	59	45	55	63	49
Christian.....Pana.....	51	49	33	42	61	61	53	40	35	47	48	44	40	41	52	54	50	46	60	67	69	66	63	52	53	62	64	52	57	59	52
Sums.....	300	285	209	250	360	361	312	264	270	326	315	287	275	280	255	357	343	330	401	455	478	460	424	360	349	387	428	350	384	400	353
Means.....	50	47	35	42	60	60	65	38	38	47	45	41	39	40	51	51	49	47	57	65	68	66	60	51	50	55	61	50	55	57	50

SOUTHERN DIVISION.																															
Crawford	Palestine	59	64	36	45	57	64	56	41	42	46	48	42	38	41	52	51	59	52	61	68	69	73	73	59	62	58	67	49	58	62	55
Fayette	Vandalia	59	56	44	43	61	61	55	49	41	51	51	46	44	50	57	64	54	54	63	67	73	67	66	63	56	59	63	56	59	63	56
Bond	Greenville	60	55	33	44	60	61	57	42	41	51	51	41	39	51	59	62	61	53	64	69	70	69	66	59	60	56	63	56	58	68	56
Marion	Centralia	58	55	35	41	61	64	56	39	40	47	47	42	39	51	62	62	56	58	64	68	68	68	72	56	59	56	68	58	48	66	55
St. Clair	St. Louis, (Mo.)	59	54	36	47	65	65	59	42	41	54	50	45	42	54	63	62	55	49	61	68	71	67	67	55	56	59	66	57	60	61	56
Hamilton	McLeansboro	62	61	38	41	59	61	57	42	42	48	52	42	38	49	66	66	56	52	59	67	69	72	70	59	62	56	59	57	56	66	60
Perry	Swanwick	53	55	34	42	59	69	...	41	39	49	48	43	40	52	62	59	55	50	59	68	69	67	67	57	58	57	64	52	59	64	55
Williamson	Marion	64	65	37	48	66	65	58	43	46	56	53	47	42	58	68	69	62	58	64	70	72	75	75	64	65	62	66	60	60	71	60
Union	Anna	68	64	36	45	61	63	59	44	43	51	52	46	41	55	66	67	59	54	62	69	70	73	70	60	62	60	65	58	61	66	58
Pope	Golconda	69	64	37	48	62	64	65	44	45	52	54	47	42	56	66	70	63	56	66	72	76	75	72	63	67	61	68	61	61	66	61
Alexander	Cairo	66	69	39	45	59	62	60	46	45	51	55	50	46	55	65	66	63	55	63	70	71	73	70	62	66	62	65	63	59	67	60
Sums		677	662	405	489	670	689	582	473	466	556	561	491	451	572	686	698	643	591	686	756	778	779	768	657	673	646	711	627	639	719	632
Means		61	60	37	44	61	63	58	43	42	51	51	45	41	52	62	63	58	54	62	69	71	71	70	60	61	59	65	57	58	65	57
State Average		53	51	35	42	58	59	51	38	38	46	45	41	33	44	53	52	49	49	57	65	69	68	61	53	53	54	60	50	55	56	52

Table of Comparison for April 1881, 1882, 1883, 1884 and 1885.

	1881.	1882.	1883.	1884.	1885.
ighest barometer	30.330 inches	30.348 inches	30.450 inches	30.450 inches	30.390 inches.
owest "	29.100 "	28.810 "	29.007 "	28.830 "	29.287 "
ean "	29.820 "	29.723 "	29.894 "	29.898 "	29.965 "
ange of "	1.230 "	1.538 "	1.443 "	1.620 "	1.103 "
ean relative humidity	75 per cent	66.10 per cent	66.10 per cent	65.11 per cent	70.58 per cent.
ighest temperature	84°.	90°.	90°.	89°.	87°.
owest "	9°.	18°.	23°.	24°.	19°.
ean "	44°.93	53°.12	52°.46.	50°.40	51°.92.
ange of "	75°.	72°.	76°.	65°.	69°.
reatest daily range of temp	23°.	33°.10		40°.	42°.
east " "	1°.	0°.50		0°.60	0°.
ean " "	13°.94	14°.99		14°.08	16°.16.
verage number of clear days	8.			8	5.
verage number of fair days	10.			10.	13.
verage number of cloudy days	12.			12.	12.
umber of days on which rain fell.	10.	9.	9.	9.	11.
reatest rainfall	3.50 inches, at Centralia	6.72 inches at Chicago.	6.98 inches at Golconda.	5.30 in. at Mascoutah	7.45 in. at Centralia
east rainfall	0.98 inches, at Marengo	1.40 inches at St. Marie	1.49 inches at Morrison	0.20 in. at Petersburg.	1.43 in. at Cairo
ean rainfall	2.61 "	4.09 inches	4.09 inches	2.89 inches	4.11 inches
verage daily rainfall	0.067 "	0.127 "	0.136 inches	0.096 inches	0.137 "
verage snowfall	3.98 "			3.32 inches	1.26 "
revailing direction of wind	N.W			N. E.	S. E

STATE SUMMARY FOR APRIL, 1885.

Highest barometer, 30.390 inches, at Anna. Lowest barometer, 29.287 inches, at Peoria. Mean barometer, 29.965 inches. Range of barometer, 1.103 inches. Mean relative humidity, 70.58 per cent. Highest temperature, 87°, at Golconda. Lowest temperature, 19°, at Wilton Centre. Mean temperature, °.90. Greatest daily range of temperature, °42, at Bunker Hill. Least daily range of temperature, 0°, at Litchfield. Mean daily range of temperature, 16°.16. Average number of clear days, 5. Average number of fair days, 13. Average number of cloudy days, 12 Average number of days on which rain fell, 11. Greatest number of days on which rain fell, 18, at Davenport. Least number of days on which rain fell, 3, at Vandalia. Mean rainfall, 4.11 inches. Average daily rain-fall, 0.13 inches. Greatest rain-fall, 7.45 inches, at Centralia. Least rain-fall, 1.43 inches, at Cairo. Average depth of snow-fall, 1.26 inches. Prevailing direction of wind, S. E.

WAGES PAID TO FARM HANDS, SEASON 1884.

NORTHERN DIVISION.

Counties.	Per day with board.	Per day without board.	Per m'th with board.	Per m'th without board.
Boone	$1 00	$1 25	$19 75	$27 75
Bureau	1 00	1 25	20 00	26 00
Carroll	1 00	1 25	18 50	28 00
Cook	1 00	1 25	17 00	27 50
DeKalb	1 00	1 25	19 50	27 25
LaPage	1 00	1 25	17 00	26 00
Grundy	1 00	1 25	20 00	28 25
Henderson	1 00	1 50	19 50	28 50
Henry	1 00	1 50	20 50	30 00
Iroquois	1 00	1 25	17 50	26 75
Daviess	1 00	1 25	20 25	26 75
Jane	1 00	1 50	19 50	29 50
Kankakee	1 00	1 25	17 75	24 00
Kendall	1 00	1 25	20 00	26 50
Lenox	1 00	1 25	21 75	28 75
Lake	1 00	1 25	18 75	.....
LaSalle	1 00	1 25	20 00	27 75
Lee	1 00	1 50	19 00	31 00
Livingston	1 00	1 25	19 00	27 75
Marshall	1 25	1 50	20 50	28 00
McHenry	1 00	1 25	19 75	27 50
Mercer	1 00	1 25	21 00	27 75
Ogle	1 00	1 25	20 00	31 75
Peoria	1 00	1 25	21 00	28 25
Putnam	1 00	1 25	20 75	26 50
Rock Island	1 00	1 25	10 25	27 50
Stark	1 00	1 25	21 25	28 75
Stephenson	1 00	1 25	18 25	25 75
Warren	1 00	1 25	20 50	28 00
Whiteside	1 00	1 25	19 50	29 50
Will	1 00	1 25	19 50	24 00
Winnebago	1 00	1 25	19 75	28 50
Woodford	1 00	1 25	19 25	26 50
Average	$1 00	$1 25	$19 50	$27 75

CENTRAL DIVISION.

Counties.	Per day with board.	Per day without board.	Per m'th with board.	Per m'th without board.
Adams	$1 00	$1 25	$19 00	$25 25
Brown	75	1 00	18 00	25 00
Calhoun	75	1 00	15 75	20 00
Cass	1 00	1 25	20 00	29 50
Champaign	*1 00	*1 25	*18 50	*26 00
Christian	75	1 00	16 25	23 75
Clark	75	1 00	15 25	24 00
Coles	75	1 00	17 25	23 75
Cumberland	75	1 00	14 75	18 75
DeWitt	1 00	1 25	19 00	26 00
Douglas	75	1 00	16 50	24 50
Edgar	75	1 00	16 00	23 75
Ford	1 00	1 25	20 00	28 00
Fulton	1 00	1 25	20 00	27 00
Greene	75	1 00	17 50	24 25
Hancock	75	1 00	17 00	25 00
Jersey	75	1 00	17 25	24 25
Logan	1 00	1 50	19 25	25 50
Macon	1 00	1 25	19 00	25 00
Macoupin	75	1 00	18 25	26 75
Mason	1 00	1 25	17 00	26 50
McDonough	1 00	1 25	18 75	26 75
McLean	1 00	1 25	20 50	24 50
Menard	75	1 00	18 50	25 25
Montgomery	1 00	1 25	16 25	24 25
Morgan	1 00	1 25	19 75	22 75
Moultrie	75	1 00	17 25	22 75
Piatt	1 00	1 25	18 00	27 50
Pike	75	1 00	17 50	25 75
Sangamon	75	1 00	18 25	25 75
Schuyler	75	1 00	16 50	22 50
Scott	1 00	1 25	17 75	25 75
Shelby	1 00	1 25	16 75	24 50
Tazewell	1 00	1 25	18 25	27 00
Vermilion	75	1 00	17 75	25 75
Average	$0 75	$1 00	$17 75	$25 00

SOUTHERN DIVISION.

Counties.	Per day with board.	Per day without board.	Per m'th with board.	Per m'th without board.
Alexander	$0 75	$1 00	$16 00	$26 00
Bond	75	1 00	15 25	22 50
Clay	75	1 00	14 25	21 00
Clinton	75	1 00	14 75	20 50
Crawford	75	1 00	16 25	20 00
Edwards	75	1 00	16 00	25 00
Effingham	50	75	15 00	20 00
Fayette	75	1 00	15 50	22 25
Franklin	50	75	13 75	18 50
Gallatin	75	1 00	16 00	22 50
Hamilton	50	75	14 00	19 25
Hardin	50	75	14 50	22 00
Jackson	50	75	13 00	20 00
Jasper	75	1 00	15 25	22 25
Jefferson	50	75	14 00	19 25
Johnson	50	75	14 00	20 00
Lawrence	75	1 00	15 75	21 25
Madison	75	1 25	15 25	26 00
Marion	75	1 00	15 00	21 00
Massac	50	75	12 50	17 50
Monroe	50	75	13 75	21 75
Perry	75	1 00	14 50	20 00
Pope	*50	*75	*13 75	*19 50
Pulaski	75	1 00	14 50	23 00
Randolph	75	1 00	14 50	23 00
Richland	75	1 00	14 50	20 00
Saline	50	75	13 75	19 00
St. Clair	75	1 00	15 00	25 00
Union	75	1 00	15 00	20 25
Wabash	75	1 00	15 25	20 75
Washington	50	1 00	14 00	20 00
Wayne	75	1 00	15 25	22 00
White	75	1 00	15 75	22 00
Williamson	50	75	13 50	18 00
Average	$0 75	$1 00	$15 00	$21 25

* Estimated.

1853-1885

THIRTY-THIRD ANNUAL

ILLINOIS STATE FAIR

AT CHICAGO, SEPTEMBER 14th TO 19th, 1885.

EXHIBITION AT THE DRIVING PARK, WEST MADISON ST.

RACES EACH DAY OF THE FAIR.

Ninety-Seven Speed Entries Made by Members of the Illinois Trotting Horse Breeders Association.

GRAND DISPLAYS IN EACH DEPARTMENT.

The Railroads will sell Tickets at Reduced Rates During the Entire Week of the Fair.

For Premium List and Other Particulars, Address the Secretary,

CHARLES F. MILLS,
SPRINGFIELD, ILL.

ILLINOIS STATE FAIR—At Chicago September 14, 1885.
AMERICAN FAT STOCK AND DAIRY SHOW—At Chicago November 10, 1885

STATISTICAL REPORT

— OF THE —

Illinois State Board of Agriculture,

— FOR —

JUNE, 1885.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS, AS TO THE CONDITION OF THE CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

TOGETHER WITH

METEOROLOGICAL RECORD FOR MAY, 1885,

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

CHARLES F. MILLS, SECRETARY,
SPRINGFIELD.

CIRCULAR 123.

SPRINGFIELD, ILL.
JOURNAL CO., STATE PRINTERS AND BINDERS.
1885.

Illinois State Board of Agriculture,

ORGANIZATION FOR 1885-86.

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ILLINOIS CROP REPORT,

—FOR—

JUNE, 1885.

Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Meteorological Record, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, June 1, 1885.

The information contained in this circular was obtained from the reports of correspondents mailed to this department the first of June.

The correspondents of the department are, as a rule, farmers of extended experience and deeply interested in the accuracy of the returns.

A large number of the correspondents have been reporting to this department during the past nine years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number nearly six hundred, and are so distributed over the State as to represent each locality.

CORN.

The cold, dry season has been very unfavorable for the planting and growth of corn. Since the first of June corn has made very satisfactory growth and has generally received good cultivation. There is much complaint that seed corn has failed to germinate. The majority of farmers have been compelled to replant corn a second and not unfrequently a third time. The stand of corn is very uneven and unless the season is favorable for maturing the late planting there will be an unusual amount of damaged and unsaleable corn next fall.

The area of corn in the northern, central and southern divisions of the State exceeds that of 1884. The increase in the area planted to corn this season is much larger than in 1884 in the central and southern divisions of the State, owing in part to the large area of winter wheat that was damaged by winter-killing and otherwise to such an extent as to make it advisable to seed the land to other crops.

The insects enemies of corn have been more numerous and destructive than usual. In some portions of the State the corn prospects have been seriously damaged by the Root

Web-Worm" and grubs. In some instances one hundred acre fields of corn have been entirely destroyed by the "Root Web-Worm" which was described by the State Entomologist in the May crop report. The difficulty in obtaining a good stand of corn in many localities is owing mainly to damage from insects. The area planted to corn in the northern division of the State is usually nearly one half that of the entire corn area of the State and in 1884 exceeded three million acres. Owing to the cold backward season corn made its appearance above ground in the northern counties from the 8th to the 22nd of May. The June prospects for corn were more encouraging in 1881 and 1884 than this season. The June condition of corn in the northern counties of late years has been as follows: 1881, 88 per cent. of an average; 1882, 78; 1883, 75; 1884, 98; and 1885, 84.

There is an increase of twelve per cent. in the corn area, of the counties in the central division of the State as compared with 1884 when 2,960,093 acres of corn was cultivated in the central counties.

The area as compared to 1884, in the leading corn growing counties in the central division of the State is as follows: Champaign 110 per cent; Christian, 122; Ford, 102; Fulton, 105; Logan and Macon, 107; McLean, 101; Montgomery, 124; Morgan, 116; Sangamon, 118; Tazewell, 110; Vermilion, 108. The June condition of corn in the central counties the past few years has been as follows: 1881, 95 per cent; 1882, 66; 1883, 80; 1884, 90; 1885, 86.

The June condition of corn was 4 per cent. better in 1884 and 9 per cent. better in 1881 than this season.

In the following central counties where wheat culture has heretofore received considerable attention the corn area this season as compared with 1884 is as follows: Adams, 114 per cent; Edgar, 127; Greene, 117; Jersey, 125; Macoupin, 124; Pike, 129; Scott, 120.

The area of corn is 14 per cent. larger than last season in the southern division of the State. The area of corn as compared to 1884, is as noted in the following southern counties where the winter wheat area has largely been planted to corn, viz: Alexander, 120 per cent; Bond, 122; Clay, 112; Crawford, 113; Edwards, 110; Fayette, 120; Hamilton, 112; Jefferson, 115; Johnson, 120; Madison, 160; Marion, 117; Massac, 110; Monroe, 134; Pulaski, 113; Randolph, 112; Richland, 111; St. Clair, 165; Union, 120; Washington, 118 and Williamson 110. The June condition of corn in the southern counties of late years has been as follows: 1881, 80 per cent; 1882, 88; 1883, 85; 1884, 81; and 1885, 92.

The prospect for corn in southern Illinois has not been more encouraging for several years past.

The condition of corn promises more than an average yield per acre. in the following southern counties in which the condition June 1, was as noted; Alexander, 115; Jefferson, 110; Pulaski. 101. There will be about an average yield per acre of corn in the following counties in the southern division of the State, viz: Clay, Crawford, Effingham, Franklin, Gallatin, Johnson, Madison, Perry, Randolph, Richland, Saline, and Wabash.

BROOM CORN.

There is a decrease in the area of broom corn as compared to the crop harvested last season. There is an increased area reported in only one county, Marion, where the area is ten per cent. larger than last season. In eleven counties there is a decrease in the area as compared to 1884, as follows: Boone, 90; Clark, 92; Coles, 81; Cumberland, 82; Douglas, 55; Henry, 85; Kankakee and Mercer, 80; Pope, 95; Warren 85 and Wayne, 90.

The area of broom corn is as large as last season in the following counties, viz: Alexander, Champaign, Christian, Clinton, DeKalb, Fayette, Jasper. Jefferson, Johnson, Knox, Madison, Monroe, Ogle, Peoria, Schuyler, Shelby, Stephenson, Washington and Woodford.

The prospects are encouraging for an average yield per acre, except in the following counties where the June condition was as follows: Alexander, 50; Boone, Christian and Clark, 90; Clinton, 80; Coles, 87; Cumberland, 95; Henry, 87; Jefferson and Knox, 90; Mercer, 70; Peoria, 75; Pope, 85; Schuyler, 75; Shelby, 95; Warren, 90; Wayne, 80; and Woodford, 90.

SORGHUM.

This crop is grown to a limited extent in nearly every county in the State. The annual value of sorghum syrup produced in this State the past few years has been as follows: 1878, $528,547; 1879, $497,572; 1880, $267,211; 1881, $251,193; 1882, $408,446; 1883, $421,932.

The area of the growing crop is less than that of the previous year. The counties reporting an increased area are the following in which the area as compared with 1884 is as noted: Alexander, 102; Bond, 105; Calhoun and Christian, 110; Crawford, Cumberland and Effingham, 102; Greene, 105; Hamilton, 102; Henry, 110; Jefferson and Menard, 105; Monroe and Montgomery, 107; Morgan and Tazewell, 110; and Washington, 105.

The area planted with sorghum cane is as large as last season in the following counties: Brown, Cass, Champaign, Clay, Clinton, Douglas, Edgar, Edwards, Franklin, Fulton, Gallatin, Grundy, Henderson, Iroquois, Jasper, Jersey, JoDaviess, Lake, Lee, Macon, Madison, Marion, Marshall, Massac, McHenry, McDonough, Ogle, Peoria, Perry, Piatt, Pike, Pulaski, Randolph, Richland, Saline, Stark, Union, Vermilion, White, Whiteside, Williamson, Winnebago and Woodford. In the counties not named above the area of sorghum cane is less than last season. The condition of this crop is up to an average in the following counties, viz: Cass, Champaign, Cook, Crawford, Edwards, Franklin, Fulton, Jefferson, Jersey, JoDaviess, Kankakee, Lawrence, Macoupin, Madison, Marion, Massac, Menard, Pike, Pope, Pulaski, Randolph, Shelby, Stark, Union, Vermilion, Washington and Williamson. The condition of sorghum cane is not above an average except in the county of Marshall where the prospects are favorable for 110 per cent. of an average yield per acre.

WINTER WHEAT.

The June condition of winter wheat fully confirms the discouraging reports received in April and May, 1885. The prospects for winter wheat in all portions of the State have not been more discouraging during the past twenty-five years than this season. The reports for June indicate that there will be less than ten millions of bushels of winter wheat harvested in Illinois in 1885. The quality of the growing wheat will generally be much below the average, and the supply of good wheat for the next seeding must be drawn largely from the limited stock of old wheat in farmers' hands. The limited area of standing wheat in many counties in the "wheat-belt" of the State, will not, under the most favorable conditions, return a supply sufficient for seed and local consumption until the succeeding harvest.

There has been no improvement in the condition of wheat during the past two months, and the prospects are not as encouraging for winter wheat in either of the three divisions of the State as on the first of April. The farmers are still engaged in plowing up winter wheat that gives no promise of returning the expense of harvesting, and the final outcome of the growing crop will be under the present estimate. It will be seen in the table published elsewhere in this report that about half the area seeded to winter wheat last fall in the northern division of the State was considered promising enough to be retained for the harvest. In the central counties about two-thirds of the late seeding of winter wheat has been plowed up, and the southern counties less than half the area seeded to wheat last fall was considered sufficiently promising to be retained for harvest.

The condition of winter wheat the first of June was up to an average in but two counties in the State, viz: Kendall and Stark. The total area of winter wheat in these two counties is less than three hundred acres. The prospects for winter wheat in the northern counties the first of April were encouraging for 73 per cent. of an average yield per acre, and on the first of June about two-thirds of an average yield per acre was assured on the limited area of standing wheat. The June condition of winter wheat in the northern counties for a term of years has been as follows: 1882, 104 per cent. of an average; 1883, 82 per cent.; 1884, 94 per cent.; 1885, 66 per cent. The June condition of wheat gives encouragement for over three-fourths of an average yield of winter wheat per acre in the following counties in the northern division, viz: Bureau 75, Cook, 90; DeKalb, 97; DuPage, 95; Kane, 90; Lee, 95; Livingston, 85; McHenry, 80; Warren, 82, and Will, 92. There will be less than half an average yield per acre of winter wheat in the following northern counties, viz: Carroll, 25; Henderson, 35; Henry, 20; Kankakee, 35; Lake 45; Marshall, 20, and Ogle, 45.

On the first of April the condition of winter wheat in the central division of the State indicated that there would be 46 per cent. of an average yield per acre. There was some improvement in the condition of wheat during the month of April in this division of the State, and the reports the first of May gave encouragement for fifty-three per cent. of an average yield per acre. The condition on the first of June was less promising than at any previous time this season, and only forty-one per cent. of an average yield per acre was assured in the central counties. The June condition of winter wheat in the central counties the past few years has been as follows: 1882, 101 per cent.; 1883, 61; 1884, 77; 1885, 41 per cent. of an average. In four counties in this division the prospects are good for three-fourths of an average yield per acre, viz: Cass, 77; Logan, 87; Edgar, 77; and Piatt, 75.

The standing wheat will return from half to three-fourths of an average yield per acre in the following counties in the central division, viz: Calhoun, 51 per cent.; DeWitt, 52; Ford, 60; Fulton, 67; Menard, 52; Morgan, 73; Schuyler, 55; Tazewell, 62; and Vermilion 55. There will be less than half an average yield per acre of winter wheat in the other southern counties.

The condition of winter wheat June 1 in the southern counties gave encouragement for 42 per cent. of an average yield per acre for the growing crop. Each succeeding report concerning the outlook for winter wheat in southern Illinois this season has reduced the prospects for a small yield per acre on the limited area not plowed up. April 1, 1885, the reports indicated 58 per cent of an average yield per acre. May 1, 1885 the condition was reduced to 55 per cent., and this was followed by a still further reduction the first of June to 42 per cent. of an average yield per acre. The June condition of winter wheat in the southern counties for the past few years has been as follows: 1882, 106 per cent.; 1883, 51; 1884, 64; 1885, 42. The June condition in the southern division of the State on the limited area of growing wheat is favorable for at least half an average yield per acre in the following counties as noted: Alexander, 52 per cent of an average yield; Franklin, 59; Gallatin, 60; Jackson, 75; Marion, 75; Monroe, 66; Pulaski, 71; Randolph, 55; Union, 60. The condition of winter wheat in all the other southern counties promises less than half an average yield per acre. Attention is invited to the table published elsewhere in this report, giving for each county in the State the area of winter wheat, the per cent. destroyed and the comparative June condition of wheat for a term of years.

SPRING WHEAT.

This crop is grown in this State to a very limited extent. The area and yield of spring wheat of late years has been as follows: 1884, area 43,921, yield 711,008 bushels; 1883, area 44,091, yield 540,973 bushels; 1882, area 93,642, yield 566,949 bushels; 1881, area 83,496, yield 474,441.

The area of spring wheat this season in the northern division of the State is about as in 1884.

There is an increased area of spring wheat as compared with 1884, in the following northern counties: Bureau and Carroll, 112; DeKalb, 105 DuPage, Henry and Knox, 110; Lee, 105; Putnam, 107; Rock Island and Will, 105; Winnebago, 107. The June condition of spring wheat gives encouragement for an average yield per acre in the counties of Cook, JoDaviess, Kankakee, Kane, Knox, Whiteside and Woodford. The June condition of spring wheat is above an average, in the counties of Henry, 103; Marshall, 110; and Will, 101. The June condition of spring wheat in the northern division for a term of years has been as follows: 1882, 95 per cent.; 1883, 96; 1884, 100; 1885, 93. The comparative area and the June condition of spring wheat in the few central counties in which spring wheat culture is receiving any attention, are as follows: Adams, area 110, condition 75; DeWitt, area and condition 100; Greene, area 115, condition 110; Logan, area 150, condition 100; McDonough, area 62; condition 100; Morgan, area 150, condition 90; Sangamon, area 110.

The June condition of spring wheat in the central counties for the past few years, has been as follows: 1882, 93 per cent.; 1883, 98; 1884, 91; 1885, 91.

In Marion county the area seeded this season to spring wheat is as large as last season, and the prospects are encouraging for nearly an average yield per acre.

OATS.

In value the oat crop of the State has been exceeded of late years by no crop except corn. The increased attention given to this crop of late years is indicated by the number of bushels of oats produced. The oat crop of the State in 1881 was 55,583,493 bushels; 1882, 69,891,023 bushels; 1883, 101,299,230 bushels; in 1884, 105,314 958 bushels. The past season (1884) nearly one-fifth (18 per cent.) of the entire oat crop of the United States was produced in Illinois. Over 11 per cent. of the cultivated area of the State reported in 1884 was devoted to this crop. The returns for June make the present area of oats about the same as last season in the northern division of the State, eleven per cent. larger in the central division, and twenty-two per cent. larger in the southern division of the State, than in 1884.

There is an increase in the area of oats in the northern counties as compared with 1884. The area is as follows: Bureau, 115 per cent.; Carroll and Cook, 102; DuPage, 107; Henry, 111; Jo Daviess, 107; Knox, 102; Marshall, 105; Mercer, 102; Rock Island, 103; Stark and Stephenson, 102; Warren, 110; and Woodford 102. There has been some improvement in the average condition of oats in the northern counties during the past month and with favorable season until harvest about an average yield per acre may be expected. The June condition of oats in the northern counties for several years past has been as follows; 1882 and 1883, 98 per cent.; 1883, 102; and 1885, 91.

In all the counties in the central division of the State except the following an increased area has been seeded to oats this season, viz: Ford, 99 per cent; Fulton, 90; McDonough and Schuyler, 92. The condition of oats throughout the central counties is nearly up to an average. In the following counties the condition of oats gives encouragement for more than an average yield per acre as noted—Cass, 101 per cent.; Coles, 101; Greene, 103; Logan, 102. McDonough, 103; Menard, 102; Morgan, 104; Sangamon, 108; and Vermilion 103.

The June condition of oats in the central counties the past few years has been as follows: 1882, 100 per cent.; 1883, 97; 1884, 100; 1885, 97.

The area seeded to oats the past season in the southern portion of the State is the largest on record. In some of the principal wheat producing counties the late seeding of oats is more than double that of 1884. In the following counties the area is one-fourth or more larger than last season as noted: Bond, 125 per cent.; Clinton, 143; Edwards, 125; Effingham, 135; Fayette, 131; Madison, 208; Marion, 150; Monroe, 144; St. Clair, 225; and White, 159.

The drouth which prevailed in a number of counties in the southern portion of the State during the month of May reduced the prospects for oats.

The first of May the average condition of oats in the southern division of the State was favorable for 93 per cent. of an average yield per acre.

The June condition of oats the past few years in the southern division of the State has been as follows: 1882, 104 per cent. of an average; 1883, 91; 1884, 95; 1885, 89.

In the following southern counties the prospects are not favorable for even three-fourths of an average yield per acre of oats: Alexander, 65 per cent. of an average in condition; Franklin, 69; Hardin, 40; Jackson, 57; Johnson, 70; and Saline, 72.

BARLEY.

The attention given to the cultivation of this crop has diminished somewhat of late years. The barley crop of the State the past few years has been as follows: 1879, 980,250 bushels; 1880, 841,188 bushels; 1881, 539,308 bushels; 1882, 509,359 bushels; 1883, 487,307 bushels. The comparative area of the growing crop of barley and the June condition in the counties in which this crop is receiving attention are as follows: Boone, area 110, condition 100; Christian, area 95, condition 85; Cook, area 100, condition 100; DeKalb, area 100, condition 97; DuPage, area 90, condition 100; Greene, area 100, condition 80; Grundy, area 90, condition 100; Jersey, area 100, condition 100; Jo Daviess, area 100, condition 95; Lake, area 100, condition 95; Lawrence, area 90, condition 90; Lee, area 80, condition 92; Madison, area 100,

condition 105; Marshall area 110, condition 120; McHenry, area 83, condition 85; Monroe, area 100, condition 100; Ogle, area 91, condition 92; Pope, area 80, condition 85; Rock Island, area 105, condition 100; Stark, area 100, condition 100; St. Clair, area 95, condition 100; Stephenson, area 97, condition 97; Whiteside, area 72, condition 95; Will, area 90, condition 90; Winnebago, area 102, condition 89; Woodford, area 100, condition 80.

RYE.

The June condition of rye gives encouragement for an average yield per acre in the counties of Kankakee, Kendall, Cass, Cumberland, Logan, Pike, Tazewell, Clinton, Pope, St. Clair and Wabash.

There has been no improvement in the average condition of rye in the northern division of the State since the first of April and the prospects are not encouraging for over 85 per cent. of an average yield per acre. The condition of rye has made some little improvement in the central portion of the State the past two months and the average yield per acre will be as large as in the northern counties. In the southern division there will be less than three fourths of an average yield per acre of rye.

The attention given to the cultivation of this crop in Illinois is indicated in the area and yield of rye for several years past. In 1880 the area of rye was 163,391 acres and the yield was 2,557,426 bushels; 1881, 173,320 acres and 2,466,958 bushels; 1882, 357,095 acres and 3,339,410 bushels; 1883, 270,961 acres and 2,607,842 bushels; 1884, 250,041 acres and 4,033,092 bushels.

FLAX.

There is a decrease in the area of flax as compared with the crop of 1884. The recent returns show that this crop is receiving some attention in seventeen counties. This crop is grown in Illinois principally for the seed and the value of flax seed marketed for several years past has been as follows: 1879, $1,945,252; 1880, $1,651,683; 1881, $1,076,521; 1882, $655,143 and 1883, $237,813.

The area and condition of flax in the counties from which this crop is reported this season is as follows: Clark, area 50, condition 100; Cook, area 82, condition 100; Douglas, area 100, condition 100; Du Page, area 100, condition 80; Ford, area 80, condition 93; Greene, area 100, condition 90; Grundy, area and condition 87; Iroquois, area 75, condition 97; Jasper, area 50, condition 75; Kane, area 110, condition 100; Kankakee area and condition 100; Lake, area 105, condition 90; LaSalle, area 105, condition 90; Livingston, area 50, condition 75; Piatt, area and condition 100; Vermilion, area 75, condition 95; Will, area 105, condition 90.

COTTON.

The comparative area and condition of cotton in the two counties in which the crop is reported as being cultivated this season are as follows: Pope, area and condition, 85 per cent; Williamson, area and condition, 100.

TOBACCO.

The annual value of tobacco produced in this State the past few years is as follows: 1879, $246,719; 1880, $218,912; 1881, $139,798; 1882, $164,215; 1883, $93,354. The area of tobacco planted this season is less than last season in the following counties: Clark, 62 per cent. of the 1884 area; Jasper, 87; JoDaviess, 90; Johnson, 87; Pulaski, 92; Will, 80. In the following counties the area of tobacco is some larger than in 1884. The area of tobacco as compared to that of the past season is 105 per cent. in Crawford county; Franklin, 103; Gallatin, 110; Hamilton, 107; Wayne, 105; Williamson, 110: Winnebago, 200.

The prospects are favorable for an average yield per acre of tobacco in the counties of Coles, Crawford, Douglas, Fayette, Franklin, Gallatin, Hamilton, Jefferson, Johnson, Massac, Pulaski, Saline, Stephenson and Williamson. The condition of tobacco was above an average in only one county, Pope, where ten per cent. more than an average yield per acre is expected.

The June condition indicates less than an average yield per acre of tobacco in the following counties, viz: Alexander 75 per cent. of an average in condition; Clark, 85; Clinton, 70; Effingham, Jasper, Lee, Washington and Winnebago, 90; Wayne, 87; Will, 75.

MEADOWS.

The area of meadows is larger than last season. The increase in the area of meadows is the most marked in the following counties; In Alexander county the area of meadows as compared to 1884 is 115 per cent, ; in Bond, 105; Bureau, 110; Christian, 108; Clay, 107; Hamilton, 107; Jefferson, 110; Livingston and Logan, 107; Marshall, 110; Massac and Mercer, 107; Montgomery, 109; Piatt, 105; Pulaski, 106; Randolph, 105; Union, 110; Washington, 105; and White, 109.

The area of meadows is the same as last season in fifty counties; five per cent. less in thirteen counties; ten per cent. less in seven counties; fifteen per cent. less in one county; and twenty per cent. less in three counties. There is an increase in the area of meadows during the past year in twenty eight counties, ranging from five to fifteen per cent.

The condition of meadows is much below the June average except in four counties. The prospects are favorable for an average yield per acre of hay in twenty-one counties. In forty-six counties the condition indicates from five to ten per cent. less than an average yield per acre. The favorable weather since the first of June has improved the condition of meadows and an average yield per acre of hay may be expected in the majority of the forty-six counties specified above.

In the northern division of the State the June condition of meadows for several years past has been as follows: 1881, 92 per cent. of an average; 1882, 95; 1883, 99; 1884, 100; 1885, 85. Meadows are in better condition in the central division of the State where nearly an average yield per acre of hay is assured. The June condition of meadows in the central division of the State for a term of years has been as follows, viz: 1881, 79 per cent. of an average; 1882, 95; 1883, 96; 1884, 100; 1885, 94. In the southern division of the State, the June condition of meadows has been as follows: 1881, 83 per cent. of an average; 1882, 70; 1883, 95; 1884, 97; 1885, 86.

PASTURES.

The area of pastures is some larger than last season in twenty-six counties, the same in sixty-eight counties. There is a decrease of five per cent. in the area of pastures in the counties of Alexander, Coles, Gallatin, Hamilton and Schuyler; ten per cent. in Johnson county; fifteen per cent. less in Douglas and twenty per cent. less in Will county. In the following counties the area of pastures is some larger than in 1884, viz. Bond, Brown, Calhoun, Christian, Clark, Clay, Cumberland, DuPage, Fayette, Franklin, Henderson, Jefferson Lee, Livingston, Macoupin, Marshall, Massac, Montgomery, Moultrie, Piatt, Richland, Union, Washington and Wayne.

Pastures have not made the usual growth. In five counties the condition is five per cent. above the June average and in only twenty-eight counties are pastures up to an average. In the remaining counties, pastures are below the average ranging from five to thirty-five per cent. below.

The condition of pastures is quite uniform throughout the State, and with seasonable weather the grass will soon be up to the average in condition.

In the northern division the condition of pastures on June 1 for several years past has been as follows: 1881, 97 per cent. of an average; 1882, 90; 1883, 99; 1884, 101; and 1885, 89. The June condition of pastures in the central division of the State has been some better than in the northern counties.

The June condition in the central counties in 1881 was 98 per cent. of an average; 1882, 90; 1883, 99; 1884, 100; 1885, 95. In the southern counties the June condition of pastures for the years named above has been as follows: 1881, 92 per cent. of an average; 1882, 90; 1883, 97; 1884, 96; 1885, 89.

IRISH POTATOES.

The area of Irish potatoes is some larger than last season in the counties of Bureau, Cook, Grundy, JoDaviess, Kane, Marshall, Mercer and Woodford, in the northern division, and in the following counties in the central division, viz: Calhoun, Christian, Cumberland, DeWitt, Macoupin, Menard, Montgomery, Morgan and Vermilion. There is an increase in the area, as compared with 1884, of Irish potatoes in the following counties in the southern division, viz: Crawford, Effingham, Fayette, Franklin, Hamilton, Madison, Massac, Monroe, Perry, Pulaski, Richland, St. Clair, Wabash ann Williamson. In the following northern counties the area of Irish potatoes, as compared to 1884, is as follows: Boone, 97 per cent.; Carroll, 95; DuPage, 90; Kendall, 97; LaSalle, 96; McHenry, 99; Peoria, 92; Rock Island, 99; Warren, 99; and Will 77. In the central counties the present area of Irish potatoes, as compared to 1884, is as follows: Adams and Brown, 97; Clark, 96; Fulton, 97; Greene, 98; Hancock, 97; McDonough, 95; Sangamon, 97; Schuyler, 90; Scott, 92, and Shelby, 87. In all the southern counties the area of Irish potatoes is as large or larger than last season, except in the following counties where the comparative area is as follows: Bond, 97 per cent.; Hardin, 70; Jackson, 95; Marion, 92; Pope, 93; Randolph, 93, White, 95.

The June condition of Irish potatoes in the three divisions of the State for several years past has been as follows: Northern division, 1881, 94 per cent.; 1882, 92; 1883, 93; 1884, 96; 1885, 93; central division, 1881, 98 per cent.; 1882, 99; 1883, 87; 1884, 97; 1885, 96; southern division, 1881, 92; 1882, 102; 1883, 95: 1884, 94, and 1885, 96.

The prospects are encouraging for an average yield per acre of Irish potatoes in the following counties, viz: Henderson, Kankakee, Kendall, Warren, Champaign, Douglas, Edgar, Ford, Greene, Hancock, Jersey, Macoupin, Mason, McDonough, Montgomery, Morgan, Moultrie, Pike, Shelby, Tazewell, Vermilion, Alexander, Clay, Edwards, Fayette, Gallatin, Jasper, Jefferson, Lawrence, Madison, Massac, Pulaski, Randolph, St. Clair, Washington and Williamson.

In all the other counties, except Fulton, there will be from three-fourths to an average yield per acre.

SWEET POTATOES.

The area of sweet potatoes is nearly as large as last season. In the following counties the area of sweet potatoes, as compared to 1884, is as follows: Alexander, 110 per cent.; Calhoun, 105; Christian, 102; Cumberland, 108; Franklin and Hamilton, 102; Johnson, 103; Macoupin, 105; Marion, 110; Massac, 103; Perry, 102; Pulaski, 109, and Williamson, 105. The area of sweet potatoes is reported the same as last season in the following counties, viz: Bond, Carroll, Cass, Clay, Clinton, DeWitt, Douglas, Edgar, Effingham, Fayette, Gallatin, Grundy, Henderson, Henry, Iroquois, Jackson, Jasper, Jefferson, Jersey, Knox, LaSalle, Lee, Logan, Madison, Marshall, Mason, McDonough, Menard, Monroe, Morgan, Moultrie, Peoria, Pike, Rock Island, Saline, Sangamon, Schuyler, Stark, Stephenson, Tazewell, Union, Vermilion, Washington and Whiteside. In the counties not named above the area of sweet potatoes is less than last season. The condition of sweet potatoes gives encouragement for an average yield per acre in the following counties, viz: Alexander, Bond, Carroll, Cass, Clay, DeWitt, Fayette, Fulton, Gallatin, Greene, Grundy, Hancock, Henry, Iroquois, Jackson, Jasper, Jefferson, Jersey, Logan, Macoupin, Madison, Marion, Mason, Massac, McDonough, Morgan, Peoria, Pike, Pope, Randolph, Rock Island, Saline, Sangamon, Schuyler, Stark, St. Clair, Stephenson, Tazewell, Vermilion, Whiteside and Williamson.

The condition of sweet potatoes in the remaining counties is below the average for June.

FRUIT.

The bloom this season of apple, pear, cherry, and grape is much below the average throughout the State and with fewer exceptional good counties than last season. In the great majority of the counties the reports indicate a good bloom of strawberries. In nearly one-third of the counties in the State there was an average bloom of raspberries and blackberries. The bloom of gooseberries and currants was up to an avearge in about half the counties in the State.

The condition of apples indicates a limited crop. Peaches, except in few counties, will be a failure. There will be about an average crops of pears in less than one-fourth of the counties in the State. The prospects are rather more favorable for plums than pears, and a fair crop may be expected in one-third of the counties in the State, and more than half a crop in the remaining counties, The counties in which there will be an average crop of cherries are the exception. In the majority of the counties there will be from half to over three-fourths of an average crop.

There will be an average crop of grapes in one-fifth of the counties in the State, and from half to nearly an average crop in the remaining counties. The counties in which there will be less than two-thirds of a crop of grapes are the exception. The strawberry crop will be unusually large in all portions of the State. In about one-fifth of the counties there will be a very large crop of raspberries, and in most of the other counties there will be from three-fourths to an average crop. The crop of blackberries will be up to an average in about one-third of the counties in the State, and in only one-fifth of the counties will there be less than half a crop.

There will be an average crop of gooseberries in one-third of the counties in the State, and with scarcely an exception there will be in the other counties from three-fourths to an average crop.

The crop of currants will generally be large and, with few exceptional counties, more than three-fourths of an average crop will be secured in all portions of the State.

APPLES.

There was an average or better bloom of apples this season in the following counties, as noted: Alexander, 100 per cent. of an average; Christian, 117; Clay, 103; Clinton, 125; Crawford, 104; Edwards, 110; Effingham, 105; Fayette, 112; Hamilton, 102; Jackson and Jasper, 100; Jefferson, 110; Johnson, 101; Lawrence, 110; Lee, Logan and Macon, 103; Macoupin, 106; Madison, 109; Marion, 130; Mason, 103; Massac, 103; Montgomery, 100; Perry, 102; Pope, 115; Pulaski, 107; Putnam, 100; Randolph, 108; Richland, 110; Saline, 102; Sangamon and Shelby, 100; Union, 125; Wabash, 110; Washington, 107; Wayne, 102.

The June condition of apples was favorable for an average or better crop in the following counties, viz: Alexander, 105 per cent. of an average crop; Brown, 107; Clinton, 100; Effingham, 111; Franklin, 105; Jasper, 100; Jefferson 110; Kane, 100; Lawrence, 107; Logan, 103; Marion, Morgan and Pope, 100; Randolph, 102; Wabash, 101; Washington, 103, and Williamson, 100.

PEACHES.

There was an average or better bloom of peaches this season in the following counties, viz: Alexander, 110 per cent.; Henderson, 100; Massac, 115; Pope, Randolph and Stark, 100. The remaining few counties reporting any bloom of peaches are as follows: Bond, Clay and Franklin, 10 per cent; Gallatin, 67; Hamilton, 22; Jackson, 25; Johnson, 65; Monroe, 85; Perry, 10; Pulaski, 87; Saline, 60; St. Clair, 10; Union, 75; Vermilion and Warren, 25; Washington, 22, and White 15. The June prospects for peaches were as follows: In Alexander, 115 per cent. of an average crop; Bond, Clay and Franklin, 10; Gallatin, 46; Hamilton, 17; Hardin, 80; Jackson, 100; Johnson, 55; Massac, 114; Monroe, 85; Perry, 10; Pope, 100; Pulaski, 102; Randolph, 100; Saline, 57; Stark, 100; Union, 50; Vermilion, 10; Warren, 50; Washington, 41, and White 70.

PEARS.

There was an average or better bloom of pears this season in the following counties, viz: Alexander and Clay, 100 per cent.; Clinton, 125; Crawford and Cumberland, 100; Edwards, 100; Fayette, 103; Franklin, Jackson, Johnson, Logan and Macoupin, 100; Marion, 125; Mason and Montgomery, 100; Pulaski, 106; Randolph, 100; Sangamon, 108; Scott, Stark and Union, 100; Wabash, 101; Washington, 100; White, 115; Whiteside, Williamson and Woodford, 100. The prospects June 1, were favorable for an average or better crop of pears as noted in the following counties, viz: Alexander, 100 per cent. of an average; Cass, Clinton, Cumberland, Franklin and Jackson, 100; Marion, 120; Mason, Morgan and Pope, 100; Pulaski, 105; Sangamon, 108; Scott, Stark, Washington and Williamson, 100.

PLUMS.

There was an average or better bloom of plums this season as noted in the following counties, viz: Adams, 103; Alexander, 105; Bond, 102; Carroll and Cass, 100; Champaign, 112; Clay, 100; Clinton, 125; Coles, 100; Edwards, 110; Fayette and Ford, 100; Greene, 104; Grundy, 113; Hancock, Henry, Iroquois and Jackson, 100; Jefferson, 110; Johnson and Kendall, 100; Lawrence, 102; Lee, 107, Logan and Macoupin, 100; Madison, 109; Marion and Marshall, 120; Mason, Massac, Menard and Montgomery, 100; Morgan, 105; Moultrie, Ogle, Perry, Piatt, Pike and Pope, 100; Pulaski, 104; Putnam, 110; Randolph, 103; Rock Island, Saline, Sangamon, Schuyler, Shelby, Stark and Stephenson, 100; Union, 125: Vermilion, 100; Wabash, 109; Washington, 107; Wayne, 100; White, 105; Whiteside and Williamson, 100; Winnebago, 111. The June 1 condition of plums gives encouragement for an average or better crop as noted in the following counties, viz: Brown, Carroll, Clinton, Edwards, Fayette, Ford, Henry, Iroquois, Kankakee, Kendall, Logan and Mason, 100 per cent. of an average; Massac, 101; Morgan, Moultrie, Ogle, Piatt and Pope, 100: Pulaski, 102; Putnam, Sangamon, Stark, Vermilion and Winnebago, 100.

CHERRIES.

There was an average or better bloom of cherries this season as noted in the following; counties, viz: Alexander and Bond, 100 per cent.; Christian, 105; Clay, 103; Clinton, 125; Edwards, 115; Fayette, Greene, Henderson and Jackson, 100; Jefferson, 110; Johnson, 102; Kane, 100; Lawrence, 102; Logan, 103; Macon and Madison, 100; Marion, 115; Mason, 100; Massac, 102; McHenry, Montgomery and Perry, 100; Pulaski, 102; Randolph, Saline and Sangamon, 100; Scott, 102; Stark and Union, 100; Wabash, 109; Washington, 103; White and Williamson, 100. The June 1 condition of cherries indicated an average or better crop as noted in the following counties, viz: Clinton, 100 per cent. of an average; Logan, 103; Marion, 105; Mason, 100; Pulaski, 104 and St. Clair, 100.

GRAPES.

There was an average or better bloom of grapes this season as noted in the following counties, viz: Alexander, 100; Bond, 12.; Clay, 100; Clinton, 120: Coles, 100; Edwards and Franklin, 100; Greene, 102; Jackson, Jasper, Jefferson, Marion, Massac and Pope, 100; Pulaski, 106; Sangamon, Stephenson and Union, 100; Wabash, 109; Washington and Williamson, 100.

The June condition of grapes is as follows, in the counties from which an average or better crop is assured, viz: Clay, Clinton, Coles, Edwards, Hamilton, Jackson, Jasper, Jefferson, Johnson, Kankakee and Madison 100 per cent.: Marion, 102; Mason, Massac and Pope, 100; Pulaski, 106; Sangamon, Stephenson, Wabash and Williamson 100.

STRAWBERRIES.

There was an average or better bloom of strawberries in all the counties in the State, except the following, where the bloom was as noted, viz: Alexander, 95; Bond, 98; Boone and Calhoun, 97; Cass, 92; Cook, 97; Crawford, 92; DeKalb, 95; Douglas, 90; DuPage, 50; Edgar

and JoDaviess, 87; Johnson and Knox, 97; Lawrence, 95; Mason and Massac, 87; McHenry, 95; Menard, 93; Monroe, 97; Peoria, 89; Randolph, 97; Richland, 92; Schuyler, 95; Stark, 97; St. Clair, 95, and Stephenson, 87.

There will be an average or better crop of strawberries, in all the counties in the State, except the following, in which the late reports indicate yields as noted: Adams, 87 per cent. of an average; Brown, 87; Calhoun, 85; Cass, 97; Crawford, 88; Cumberland, 90; DeKalb, 92; Douglas, 85; DuPage, 50; Edgar, 87; Fayette, 96; Ford and Franklin, 95; Gallatin, 84; Greene, 96; Grundy, 87; Hamilton, 80; Hancock, 97; Henry, 95; Jackson, 82; Jasper, 80; JoDaviess, 92; Johnson, 82; Lake, 87; LaSalle, 92; Lawrence, 95; Livingston, 90; Macon, 97; Mason, McDonough, and McHenry, 87; McLean, 97; Menard, 96; Mercer, 97; Monroe, 98; Montgomery and Morgan, 97; Ogle, 95; Peoria, 79; Perry, 90; Randolph, 92; Richland, 95; Rock Island, 97; Saline, 92; Schuyler, 85; Stark, 97; Stephenson, 88; Union, 75; Warren, 95; Wayne, 87; White, 77; Will, 92; Winnebago, 92, and Woodford, 97.

RASPBERRIES.

There was an average or better bloom of raspberries this season, as noted in the following counties, viz: Adams, Carroll and Champaign, 100; Clay, 105: Clinton, 125; Coles, 100; Edwards, 110; Ford, 100; Grundy, 105; Lake, 100; Livingston, 110; Logan, Mason, McDonough, Menard and Mercer, 100; Moultrie, 102; Perry, Putnam, Union and Vermilion, 100; Wabash, 106, Warren, 103; Washington, 100; Williamson, 105, and Winnebago, 103.

The June condition of raspberries gives encouragement for an average or better crop, as noted in the following counties, viz: Carroll, Clay, Clinton, Coles, Edwards and Ford, 100 per cent. of an average; Lake, Livingston, Logan, Perry, Pope, Putnam, Sangamon, St. Clair, Union, Vermilion and Wabash, 100; Warren, 101; Washington and Williamson, 100.

BLACKBERRIES.

There was an average or better bloom of blackberries this season, as noted in the following counties, viz: Clark, 100 per cent.; Clinton, 125; Coles, Douglas, Grundy, Hardin, Jackson, Kane, Kendall, Lake and Logan, 100; Macon, 110; Madison, Mason, Massac, Menard and Moultrie, 100; Pope, 110; Scott, 102; Shelby and St. Clair, 100, and Union, 110.

The June condition of blackberries is as follows in the counties from which an average or better crop is assured, viz: Alexander, 100 per cent.; Clark, Clinton, Coles, Douglas, Hardin, Jackson and Jasper, 100; Johnson, 102; Kane, Kendall, Lake, Macon, Mason, Massac, Menard, Moultrie, Pope, Putnam, Scott, Shelby, St. Clair, Union, Washington and Williamson, 100.

GOOSEBERRIES.

There was an average or better bloom of gooseberries this season, as noted in the following counties, viz: Adams, Alexander, Carroll, Cass, Champaign and Clay, 100 per cent.; Clinton, 125; Cook, Edwards and Ford, 100: Franklin, 102; Grundy, Hardin, Jackson, Jefferson, Jersey, JoDaviess, Kane, Kendall, Knox and Lawrence, 100: Logan, 105; Macon, 100; Maconpin, 105; Marshall, Mason, Morgan, Piatt, Pike, Randolph, Richland and Wabash, 100.

The June condition of gooseberries gives encouragement for an average or better crop, as noted in the following counties, viz: Alexander, Carroll, Clay, Clinton, Cook, DeKalb, DeWitt, Edwards and Ford, 100 per cent; Franklin, Hancock, Jackson, Jefferson, Jersey, JoDaviess, Kane, Kankakee, Kendall, Knox, LaSalle, Logan, Macon, 100: Maconpin, 104; Madison, Marshall, Mason, Montgomery, Morgan, Piatt, Pike, Pulaski, Randolph, Sangamon and Wabash, 100; Washington, 103.

CURRANTS.

There was an average or better bloom of currants this season as noted in the following counties, viz: Adams, 101 per cent.; Alexander, Brown, Calhoun, Carroll, Cass and Clay, 100; Clinton, 125; Edwards, Fayette and Ford, 100; Franklin, 110; Henderson, Jackson, Jer-

sey, Jo Daviess, Johnson, Kendall and Knox 100; Lawrence, 107; Logan and Macon, 100; Macoupin, 107; Madison, 100, Marion, 102; Mason, McDonough, Morgan, Moultrie, Perry, Piatt, Pike, Pulaski and Randolph. 100; Richland, 102; Saline, Wabash, Washington and Whiteside, 100.

The June condition of currants gives encouragement for an average or better crop as noted in the following counties, viz: Alexander, Brown, Carroll, Clay, Clinton, DeWitt, Edwards and Ford, 100; Franklin, 103: Henderson, Jackson, Jasper, Jersey, Jo Daviess, Johnson, Kane, Kankakee, Kendall and Knox, 100; Lawrence, 103, Logan and Macon, 100; Macoupin, 105; Madison, Marion, Mason, McDonough, Morgan, Perry, Piatt, Pike, Pulaski, Randolph, Richland, Saline, Wabash, Washington, Whiteside and Williamson, 100.

LIVE STOCK.

There are less complaints than usual this season of animals affected with disease. Live stock is generally up to an average in condition and breeders and feeders report all kinds of domestic animals as doing well. The breeders of improved stock are in good spirits and express confidence in the future demand and prices for well bred animals. The sales of bulls to ranchmen this season have been large and remunerative. The interest in the dairy breeds of cattle is keeping pace with that of the breeds of cattle raised especially for beef. In the southern portion of the State the interest in dairy husbandry is increasing very rapidly and a number of expensive establishments have recently been constructed for the manufacture of butter and cheese.

There is an increase in the number of foals this season as compared to 1884 in the leading horse breeding counties in the State, and with few exceptions colts are up to an average in condition.

In over half the counties, the number of calves this season was as large or larger than in 1884 and in the remaining counties the number is about the same as last season. Calves are generally doing well and in the majority of the counties in the State up to an average in condition. Correspondents in about one-fifth of the counties in the State report as many pigs this season as in 1884. In about three-fourths of the counties there is from 75 to 95 per cent. of the number farrowed in 1884. In nearly half the counties pigs are up to an average in condition, and in the remaining counties pigs are nearly up to an average.

In about one-sixth of the counties there was as many lambs dropped this season as in 1884. Lambs are generally doing well and in over half the counties are up to an average in condition.

COLTS.

The number of colts foaled is as large or larger than last season, as noted in the following counties, viz: Alexander, 105 per cent.; Boone, 100; Carroll. 110; Cass and Champaign, 100; Christian, 101; Coles, 100; Cook, 102; Douglas, 100; Edgar, 115; Edwards and Fayette, 111; Fulton, 104; Gallatin and Grundy, 105; Hamilton and Hardin, 100; Iroquois, 104; Jackson, Jersey and JoDaviess, 100; Johnson, 102; Kane, 110; Kendall, 100; Lake, 102; Lawrence, 100; Logan, Macon, Macoupin and Madison, 102; Marshall, 100; Mason, 115; McDonough, 150; McHenry, 101; McLean, 110; Menard, 100; Monroe, 102; Morgan, 104; Peoria, 100; Perry, 103; Pike, 104; Pope, 120; Pulaski, 109; Putnam, 105; Richland, 110; Saline, 100; Sangamon, 102; Scott, 108; St. Clair, 100; Tazewell, 107; Warren and Whiteside, 105; Will, 120; Woodford, 102.

CALVES.

The number of calves dropped this season is as large or larger than last season, as noted in the following counties, viz: Alexander, 105 per cent.; Boone and Bureau, 102; Carroll, Calhoun, Champaign, 100; Christian and Clark, 102; Clinton and Cook, 100; Cumberland, 105; DeKalb, 102; DeWitt, 103; Douglas, 100; DuPage, 105; Edgar and Edwards, 100; Franklin, 105; Gallatin, 102; Hardin, Jersey and JoDaviess, 100; Kane, 110; Kankakee, 105; Kendall, 100; Knox, 101; Lake, 102; LaSalle, 100; Lee, 100; Livingston, 101; Logan, 100; Macon, 102; Macoupin, 105;

Madison, 100; Marion, 102; Marshall and Mason, 100; Massac, 108; McDonough, 100; McHenry, 104; McLean, 100; Montgomery, 107; Morgan, 102; Moultrie, 105; Perry, 107; Piatt, 100; Pope, 110; Pulaski, 105; Richland and Sangamon, 102; Scott, Stark, St. Clair, Tazewell and Union, 100; Vermilion, 103; Washington, Wayne and White, 100; Whiteside, 101, and Williamson, 100.

LAMBS.

The number of lambs dropped this season is as large or larger than last season, as noted in the following counties, viz: Alexander, 105 per cent.; Calhoun, Christian and Cook, 100; Cumberland, 107; Fayette, Henderson, Jackson and Jersey, 100; Madison, 101; Marion, Massac, Piatt, 100; Pulaski, 107; Saline, 102; Shelby and Vermilion, 100.

PIGS.

The number of pigs farrowed this season is as large or larger than last season, as noted in the following counties, viz: Alexander, 112; Champaign and Clinton, 100; Cumberland, 105; Edgar and Hardin, 100; Jersey, 105; JoDaviess, 100; Kane, 102; Lee, 101; Madison, 102; Monroe and Montgomery, 100; Piatt, 110; Pike, 100; Pulaski, 105; Putnam and Saline, 100; St. Clair, 112, and Union, 100.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply, and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition 100 is used by corresponnents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this department during the past nine years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The area of corn is 14 per cent. larger than last season, and from present prospects there will be more than three-fourths of an average yield per acre. There is much complaint of the quality of seed corn and less than two-thirds of the seed germinated; some of the early planted was up on the 10th of May. There is still considerable corn to be planted. Sorghum cane is nearly up to an average in condition, and the area is nearly one-fourth less than last season. There will be less than one-third of an average yield per acre of wheat, which is about fifteen inches in height. Farmers are still engaged in plowing up the poor places of winter wheat. Oats and rye are nearly up to an average in condition. Meadows are nearly up to an average in condition; the area of clover and pastures is some larger than last season. Irish and sweet potatoes are nearly up to an average; the area of sweet potatoes is not as large as last season. The season is backwards and crops are not as far advanced as usual on the first of June. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 94, condition 77; pears, bloom 93, condition 67; plums, bloom 103, condition 58; cherries, bloom 82, condition 77; grapes, bloom 73, condition 70; strawberries, bloom 100, condition 87; raspberries, bloom 100, condition 97; blackberries, bloom 65, condition 57; gooseberries, bloom 100, condition 97; currants, bloom 101, condition 99. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage and are as follows: Pigs, number 75, condition 87, lambs, number 70, condition 90; calves, number 97, condition 95; colts, number 95, condition 97. The average price of colts at weaning time is $40, and the cost of service $12. About 7 per cent. of the foals usually die before weaning time.

ALEXANDER—The quality of seed corn has seldom been better than that planted this season, and from present prospects there will be more than an average yield per acre—the area of corn is twenty per cent. larger than last season. Broom corn has not made satisfactory growth, and from present prospects will not make over half an average yield per acre—the area planted to broom corn is as large as in 1884. Sorghum cane looks well and the area is some larger than last season. The standing wheat will not make much over half an average yield per acre. The cold, dry weather has been unfavorable for oats, and the prospects are not favorable for two-thirds of an average yield per acre. Rye will not return much over one-third of an average yield per acre. The area of tobacco is as large as in 1884 and from present prospects there will not be more than three-fourths of an average yield per acre. There is an increase in the area of meadows and pastures as compared with the past season—the condition of grass indicated three-fourths of an average yield per acre of hay. Irish and sweet potatoes look well and is as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average is as follows: Apples, bloom 100, condition 105; peaches, bloom 110, condition 115; pears, bloom 100, condition 100; plums, bloom 105, condition 97; cherries, bloom 100, condition 95; grapes, bloom 100, condition 90; strawberries, bloom 95, condition 100; blackberries, bloom 92, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with an average are given by per-centage and are as follows: Pigs, number 112, condition 109; lambs, number 105, condition 100; calves, 105, condition 102; colts, number 205, condition 95. The average price of colts at weaning time is $30 and the cost of service $5. About one per cent. of the foals usually die before weaning time.

BOND—The earliest planted corn made its appearance above ground May 7; the area of corn is 22 per cent. larger than last season; the stand of corn is uneven and the present condition promises but little over three-fourths of an average yield per acre; but little over three-fourths of the seed corn germinated; the poor stand of corn is partially attributed to the cold and unfavorable season; the area is some larger than last season. The standing wheat will not make half an average yield per acre; wheat is about two feet high. Oats are above an average in condition and rye will make more than three-fourths of an average yield per acre. There is an increase in the area of clover meadow; grass is above an average in condition. The army worm has made its appearance in small numbers. Sweet potatoes look well and Irish potatoes are nearly up to an average in condition. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 98, condition 95; peaches,

bloom 10, condition 10; pears, bloom 90, condition 90; plums, bloom 102, condition 90; cherries, bloom 100, condition 98; grapes, bloom 102, condition 96; strawberries, bloom 98, condition 103; raspberries, bloom 95, condition 95; blackberries, bloom 95, condition 93; gooseberries, bloom 95, condition 94; currants, bloom 91, condition 91. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 83, condition 100; lambs, number 92, condition 102; calves, number 97, condition 98; colts, number 95, condition 98. The average price of colts at weaning time is $44 and the cost of service $8. About 7 per cent. of the foals usually die before weaning time.

BOONE—The stand of corn is uneven, owing to replanting, and from present prospects there will not be much over three-fourths of an average yield per acre—the area is about the same as in 1884. Broom corn is not quite up to an average in condition and the area is some less than in 1884. Spring wheat, rye and oats are nearly up to an average in condition. Barley looks well and the area is some larger than last season. Grass has not made the usual growth for June 1, owing to the backward spring. The area of clover meadows is some less than last season. Irish potatoes are nearly up to an average in condition and the area is about as large as in 1884. The per-centage of bloom this spring and the con ition of fruit June 1, as compared with an average, is as follows: Apples, bloom 47, condition 47; plums, bloom 90, condition 90; cherries, bloom 55, condition 50; grapes, bloom 90, condition 90; strawberries, bloom 97, condition 100; raspberries, bloom 70, condition 80; blackberries, bloom 27, condition 25; gooseberries, bloom 92, condition 87; currants, bloom 76, condition 65. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 86, condition 87; lambs, number 83, condition 87; calves, number 102, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $37, and the cost of service $13. About 7 per cent. of the foals usually die before weaning time.

BROWN—The ground has been cold and dry and unfavorable for corn; the stand is very uneven, and from present prospects there will not be three-fourths of an average yield per acre. The area planted to corn this season is about ten per cent. larger than last season. Sorghum c ne promises about half an average yield per acre—the area planted is as large as in 1884. The standing wheat will not make half an average yield per acre. Spring wheat promises about three-fourths of an average yield per acre. Oats and rye are nearly up to an average in conditio . Meadows and pastures are short, but making good growth since the warm weather commenced. The area of clover meadows and pastures is some larger than last season. The prospects are encouraging for over three-fourths of an average yield per acre of sweet potatoes, and about the average yield per acre of Irish potatoes. The area of Irish and s veet potatoes is nearly as large as last season. The per-centage of bloom this springs, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 64, condition 107; pears, bloom 77, condition 107; plums, bloom 70, condition 100; cherries, bloom 90, condition 80; grapes bloom 93, condition 93; strawberries, bloom 100, condition 87; raspberries, bloom 88, condition 85; blackberries, bloom 58, condition 58; gooseberries, bloom 95, condition 93; currants, bloom 100, condition 100, The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 66, condition 96; lambs, number 94, condition 100; calves, number 90, condition 100; colts, number 94. condition 100. The average price of colts at weaning time, is $52, and the cost of service $10. About 7 per cent. of the foals usually die before weaning time.

BUREAU—Corn is nearly up to an average in condition—the area is not as large as last season. Corn has made but little growth owing to the cold, dry weather. The area of sorghum cane is one-fourth less than last season—the prospects are favorable for over three-fourths of an average yield per acre. Wheat and rye will make about three-fourths of an average yield per acre. Oats are nearly up to an average in condition. Meadows and pastures are not quite up to an average in condition—the area of meadows is some larger than last season. There is an increase in the area Irish potatoes. The condition of Irish potatoes is nearly up to an average. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 40, condition 25; cherries, bloom 40, condition 40; braspberries, bloom 80, condition 80; lackberries, bloom 80, condition 85; currants, 15, condition 75. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage as follows: Pigs, number 87, condition 90; lambs, number 80, condition 100; calves, number 102, condition 97; colts, number 92. condition 95. The average price of colts at weaning time is $35, and the cost of service $12. About 7 per cent. of the foals usually die before weaning time.

CALHOUN—The area of corn is 19 per cent. larger than last season and the stand gives encouragement for more than three-fourths of an average yield per acre. Considerable good seed corn rotted in the cold, wet soil, and there has been an unusual amount of replanting. Sorghum cane is nearly up to an average in condition, and the area is ten per cent. larger than last season. The few scattering pieces of winter wheat promise about half an average yield per acre. Oats are nearly up to an average in condition. Rye will make about three-fourths of an average yield per acre. Grass is nearly up to an average in condition—the area of clover meadows and pastures is larger than last season. There is an increase in the area of Irish and sweet potatoes, and the prospects are favorable for an average yield per acre. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 92, condition 89; plums, bloom 87, condition 70; cherries, bloom 90; condition 82; grapes, bloom 91; condition 94; strawberries, bloom 97; condition 85; raspberries, bloom 90, condition 92; blackberries, bloom 88, condition 97; gooseberries, bloom 75, condition 90; currants, bloom 100; condition 92. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-

centage and are as follows: Pigs, number 88, condition 97; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 93, condition 100. The average price of colts at weaning time is $37, and the cost of service $9. About 5 per cent. of the foals usually die before weaning time.

CARROLL—The area of corn will not be any larger than last season. The stand of corn is not up to the average for June 1, owing to the cold, backward season. Spring wheat and oats are nearly up to an average in condition. Rye will make more than three-fourth of an average yield per acre. Meadows and pastures are nearly up to an average in condition, and the area is as large as last season. There will not be much over three-fourths of an average yield per acre of Irish potatoes—the area is not as large as last season. Sweet potatoes are in good condition, and the area is as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 75, condition 75; plums, bloom 100, condition 100; cherries, bloom 50, condition 25; grapes, bloom 50, condition 62; strawberries, bloom 100, condition 100; raspberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 70, condition 93; lambs, number 98, condition 100; calves, number 100, condition 100; colts, number 110, condition 92. The average price of colts at weaning time is $57, and the cost of service $16. About 7 per cent. of the foals usually die before weaning time.

CASS—Seed corn has failed to germinate owing to the cold, backward season and in some cases the seed was poor. The area planted is some larger than last season but unless there is great improvement there will not be an average yield per acre. Sorghum cane looks well and the area is as large as last season. There will not be much over three-fourths of an average yield per acre in the scattering fields of winter wheat. Oats are above an average in condition and rye looks well. Meadows and pastures are not up to an average in condition and the area of clover meadows is not as large as last season. Sweet potatoes look well and Irish potatoes are nearly up to an average in condition. The area of Irish and sweet potatoes is as large as in 1884. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average is as follows: Apples, bloom 72, condition 81; pears, bloom 90, condition 100; plums, bloom 100, condition 95; cherries, bloom 70, condition 70; grapes, bloom 35, condition 90; strawberries, bloom 92, condition 97; raspberries, bloom 84, condition 91; blackberries, bloom 65, condition 85; gooseberries, bloom 100; condition 92; currants, bloom 100, condition 94. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 77, condition 97; lambs, number 90, condition 100; calves, number 97, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $55, and the cost of service $15. About 6 per cent. of the foals usually die before weaning time.

CHAMPAIGN—The condition of corn is about up to an average, and the area is ten per cent. larger than last season. There has been much complaint af poor seed, and nearly half the corn area of the county has been replanted. Broom corn looks well, and the area is as large as last season; the same may be said of sorghum. Winter wheat stands thin on the ground and the scattering fields not plowed up will not make half an average an average yield per acre. Oats look well. Rye will not make two-thirds of an average yield per acre. The lack of rain in May and the cold weather during the spring has been very unfavorable for grass, which is not up to an average in condition. The area of Irish potatoes is as large as last season, and from present prospects there will be an average yield per acre. The per-centage of bloom this spring, and the condition of fruit, June 1, as compared with an average, is as follows: Apples, bloom 50; pears, bloom 50; plums, bloom 50; cherries, bloom 60; strawberries, bloom 100; raspberries, bloom 100, gooseberries, bloom 100; currants, bloom 60; condition 50. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 100, condition 100; lambs, number 75, condition 100; calves, number 100, condition 100; colts, number 100; condition 100. The average price of colts at weaning time, is $40, and the cost of service, $15. About 5 per cent. of the foals usually die before weaning time.

CHRISTIAN—Corn is nearly up to an average in condition, and the area is 22 per cent. larger than last season. Less than one-fourth of the seed failed to germinate. There has been more replanting than usual, and the stand is not up to the average. Some of the early planted corn made its appearance May 10. The area of broom corn is as large as last season, and the condition is nearly up to an average. Sorghum cane looks well, and the area is 10 per cent. larger than last season. There will not be over ten per cent. of an average yield per acre of winter wheat. Spring wheat promises about three-fourths of an average yield per acre. Oats, rye and barley are nearly up to an average in condition. The area of barley is not as large as in 1884. Meadows and pastures are nearly up to an average in condition; area of clover meadows is nearly as large as last season; area of timothy meadows and pastures is larger than in 1884. Irish and sweet potatoes are nearly up to an average in condition, and the area is some larger than last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 117, condition 92; pears, bloom 72, condition 39; plums, bloom 112, condition 82; cherries, bloom 105, condition 83; grapes, bloom 86, condition 83; strawberries, bloom 104, condition 104; raspberries, bloom 81, condition 74; blackberries, bloom 70, condition 67; gooseberries, bloom 97, condition 80; currants, bloom 97, condition 96. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 92, condition 96; lambs, number 100, condition 99; calves, number 102, condition 99; colts, number 101, condition 96. The average price of colts at weaning time is $41, and the cost of service $12; about 4 per cent. of the foals usually die before weaning time.

CLARK—The area of corn is 17 per cent. larger than last season, and from present prospects there will be nearly an average yield per acre. The area of broom corn is not as large as last season, and the condition is not up to the June average. Oats have made very satisfactory growth since the late warm rains, and prospects are encouraging for nearly an average yield per acre. Rye promises about three-fourths of an average yield per acre. Flax is up to an average in condition—the area is one-half less than that of the previous year. Tobacco has not made usual growth, and will make but little over three-fourths of an average yield per acre; the area is one-third less than last season. There is an increase in the area of pastures as compared to June, 1884. Grass has made satisfactory growth since the warm weather, and is nearly up to an average in condition. The area of Irish and Sweet potatoes is not as large as last season, and from present prospects there will be less than an average yield per acre. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 89, condition 85; pears, bloom 60, condition 57; plums, bloom 95, condition 90; cherries, bloom 70, condition 47; grapes, bloom 65, condition 82; strawberries, bloom 100, condition 100; raspberries, bloom 87, condition 94; blackberries, bloom 100, condition 100; gooseberries, bloom 77, condition 96; currants, bloom 74, condition 85. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 94, condition 96; lambs, number 91, condition 102; calves, number 102, condition 96; colts, number 99, condition 94. The average price of colts at weaning time, is $32; and the cost of service, $8. About 7 per cent. of the foals usually die before weaning time.

CLAY—The area of corn is twelve per cent. larger than last season—the prospects are encouraging for nearly an average yield per acre. There has been more replanting this season than usual. Sorghum cane is nearly up to an average in condition and the area is as large as last season. The limited area of wheat not plowed up will not make one-third of an average yield per acre. Oats look well. The condition of rye gives encouragement of over half an average yield per acre. Grass is making satisfactory growth and is nearly up to an average in condition. The area of meadows and pastures is as large as last season and the condition promises an average yield per acre. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 95; peaches, bloom 10, condition 10; pears, bloom 100, condition 92; plums, bloom 100, condition 93; cherries, bloom 103, condition 92; grapes, bloom 100 condition 100; strawberries, bloom 100, condition 100; raspberries, 105, condition 100; blackberries 88, condition 92; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 75, condition 75; lambs, number 88, condition 100; calves, number 98, condition 92; colts, number 68, condition 98. The average price of colts at weaning time is $40, and the cost of service $8. About 7 per cent of the foals usually die before weaning time.

CLINTON—The area of corn will be as large as last season; the stand of corn is very uneven, and from present prospects there will not be three-fourths of an average yield per acre. Broom corn will make more than three-fourths of an average yield per acre; the area is as large as last season; the same may be said of sorghum cane. Nearly all the wheat has been plowed up, and that left standing will not make one-third of an average yield per acre. Oats and rye are up to an average in condition. There will be about three-fourths of an average yield per acre of tobacco; the area is as large as last season. Meadows and pastures are up to an average in condition and the area is as large as in 1884. There will be about three-fourths of an average yield per acre of Irish and sweet potatoes; the area of potatoes is as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 125, condition 100; pears, bloom 124, condition 100; plums, bloom 125, condition 100; cherries, bloom 125, condition 100; grapes, bloom 120, condition 100; strawberries, bloom 125, condition 100; raspberries, bloom 125, condition 100; blackberries,, 125, condition 100; gooseberries, bloom 125, condition 100; currants, bloom 125, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 100, condition 100; lambs, number 50, condition 75; calves, number 100, condition 120; colts, number 30, condition 100. The average price of colts at weaning time is $35.

COLES—The area of corn is 14 per cent. larger than last season; the stand is not quite up to an average. There have been some complaints of seed failing to germinate. Broom corn will make over three-fourths of an average yield per acre; the area of broom corn is not as large as last season. Sorghum cane looks well, and the area is as large as last season. There will be less than 20 per cent. of an average yield per acre of winter wheat. Oats are looking well, and there will be more than an average yield per acre with favorable condition until harvest. Rye is making fair growth, and there will be nearly an average yield per acre. Tobacco looks well, and the area is as large as last season. Meadows and pastures are making good growth and are nearly up to an average in condition. The area of Irish and sweet potatoes is larger than last season, and the prospects are encouraging for an average yield per acre. The season has been cold and backward, and spring work has been much delayed by the unfavorable season. The per-centage bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 84; pears, bloom 90, condition 87; plums, bloom 100, condition 92; cherries, bloom 95, condition 74; grapes, bloom 100, condition 101; strawberries, bloom 110, condition 110; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 97, condition 87; currants, bloom 75, condition 77. The number of births of farm animals this season as compared with an average are given by per-centage and are as follows: Pigs, number 86, condition 94; lambs, number 87; condition 95; calves, number 99, condition 95; colts, number 100, condition 100. The average price of colts at weaning time is $42, and the cost of service $12; abont 5 per cent. of the foals usually die before weaning time.

COOK—The area of corn is about the same as in 1884; the condition of corn is nearly up to an average, and is better than expected, as the season has been very unfavorable for the growth of corn. Sorghum cane looks well; the area is one-fourth less than last season. Wheat promises about an average yield per acre. Oats and rye are making good growth, and promise nearly an average yield per acre. Barley looks well and the area is as large as last season. Flax is up to an average in codition; the area is less than in 1884. Meadows and pastures have not made the usual growth seen on June 1. There is a large increase in the area of clover meadows. Irish potatoes look well, and the area is larger than in 1884. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: apples, bloom 81, condition 83; pears, bloom 85, condition 80; cherries, bloom 70, condition 64; grapes, bloom 67, condition 67; strawberries, bloom 97, condition 100; raspberries, bloom 93, condition 97; blackberries, bloom 10, condition 10; gooseberries, bloom 100, condition 100; currants, bloom 85, condition 93. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by per-centage and are as follows: pigs, number 77, condition 100; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 102, condition 100. The average price of colts at weaning time is $50, and the cost of service $11. About 2 per cent. of the foals usually die before weaning time.

CRAWFORD—The stand of corn is good, and the prospects are encouraging for an average yield per acre; the area of corn is 13 per cent. larger than last season. The cut-worm has injured the corn in some localities. Sorghum cane looks well and the are is larger than last season. The standing wheat will make about half an average yield yer acre. Oats promise an average yield per acre. Rye will hardly make three-fourths of an average yield per acre. Tobacco is up to an average in condition, and the area is some larger than last season. Meadows and pastures are not quite up to an average for June 1; the area of grass lands exceeds that of the previous year. Irish potatoes look well, and sweet potatoes are nearly up to an average in condition. The area of Irish potatoes is larger than last season. The per-centage of bloom this spring, and the conition of fruit June. 1, as compared with an average, is as follows: apples, bloom 104, condition 95; pears, bloom 100, condition 93; plums, bloom 97, condition 87; cherries, bloom 90, conditton 81; grapes, bloom 85, condition 80; strawberries, bloom 92, condition 88; raspberries, bloom 72, condition 84; blackberries, bloom 63, condition 52; gooseberries, bloom 95; condition 90; currants, bloom 87, condition 91. The number of births of farm animals this season as compared with last spring and the condition of young stock as comparep with an average, are given by per-centage and are as follows: pigs, number 81, condition 92; lambs, number 86, condition 92; calves, number 97, condition 95; colts, number 9,, condition 99. The average price of colts at weaning time is $38, and the cost of service $9. About 7 per cent. of the foals usually die before weaning time.

CUMBERLAND—The area of corn is some larger than last season, and from present prospects there will be nearly an average yield per acre. Broom corn looks well; the area is nearly twenty per cent. less than last season. Sorghum cane is making good growth, and with favorable conditions, will make an average yield per acre; the area planted this season is larger than that of 1884. The standing wheat will not make one-third of an average yield per acre. Oats and rye will return about an average yield per acre. Meadows and pastures have seldom been in better condition June 1. The area of clover meadows and pastures is larger than last season. The area of Irish and sweet potatoes is some larger than last season, and from present prospects there will be an average yield per acre. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 70, condition 87; pears, bloom 100, condition 100; cherries, bloom 52, condition 67; grapes, bloom 60, condition 75; strawberries, bloom 105, condition 90; raspberries, bloom 70, condition 75; blackberries, bloom 60, condition 80; gooseberries, bloom 60, condition 95; currants, bloom 68, condition 73. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with average, are given by per-centage, and are as follows: Pigs, number 105, condition 100; lambs, number 107, condition 97; calves, number 105, condition 100; colts, number 95, condition 100. The average price of colts at weaning time is $34, and the cost of service $8. About 7 per cent. of the foals usually die before weaning time.

DEKALB—Corn is nearly up to an average in condition and the area is about as large as in 1884. Broom corn is up to an average in condition and the area is as large as last season. Wheat is nearly up to an average in condition. Oats and rye promise to make an average yield per acre. Barley is nearly up to an average in condition, and the area is as large as last season. Meadows and pastures are up to an average in condition, and the area of grass lands is nearly as large as last season. There is an increase in the area of Irish potatoes as compared with 1884, and the prospects are encouraging for an average yield per acre. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 85, condition 87; cherries, bloom 81, condition 74; grapes, 50, condition 42; strawberries, bloom 95, condition 92; raspberries, bloom 95, condition 97; blackberries, bloom 85, condition 77; gooseberries, bloom 97, condition 100; currants, bloom 87; condition 70. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 89, condition 95; lambs, number 88, condition 98; calves, number 102, condition 100; colts, number 97, condition 97. The average price of colts at weaning time is $40, and the cost of service $12. About 3 per cent of the foals usually die before weaning time.

DEWITT—The area of corn is some larger than last season; the stand of corn is uneven and the unusual amount of replanting will make the crop late in maturing. The present prospects give encouragement for about three-fourths of an average yield per acre. The area planted to sorghum cane is not as large as last season, and the condition of the crop is not up to an average. Spring wheat looks well, and the winter wheat not plowed up will make half an average yield per acre. Oats are not up to an average in condition. The ground was too wet when most of the oats were seeded, and there was a scarcity

of rain immediately thereafter. Rye promises nearly half an average yield per acre. Grass has not made usual growth, owing to the want of rain and seasonable weather. The area of meadows is some larger than last season. Irish potatoes are not quite up to an average in condition. Sweet potatoes look well; the area of Irish potatoes is some larger than last season. The per-centage bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 63, condition 58; pears, bloom 60, condition 60; plums, bloom 62, condition 60; cherries, bloom 65, condition 47; grapes, bloom 55, condition 65; strawberries, bloom 108, condition 103; raspberries, bloom 75, condition 83; blackberries, bloom 83, condition 92; gooseberries, bloom 97; condition 100; currants, bloom 83, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 78, condition 97; lambs, number 83, condition 97; calves, number 103, condition 100; colts, number 98, condition 100 The average price of colts at weaning time is $53, and the cost of service $18. About 3 per cent. of the foals usually die before weaning time.

DOUGLAS—The stand of corn is bad on account of the cold weather and inferior seed. Many farmers have planted the third time before getting a stand. The area is 7 per cent. larger than last season. Winter wheat has made slow growth, and does not look as well as on May 1. Not more than one-third of the average yield per acre is expected Broom corn and sorghum cane are looking well. Oats and rye are about up to the average in condition for June 1. The usual area of flax and tobacco has been sown and is in good condition. Meadows and pastures are not quite up to the average in condition. The area planted to Irish and sweet potatoes is about the same as last season. Condition good. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 90, condition 80; pears, bloom 50, condition 40; plums, bloom 30, condition 20; cherries, bloom 65, condition 65; grapes, bloom 60, condition 65; strawberries, bloom 90, condition 85; raspberries, bloom 80, condition 65; blackberries, bloom 100, condition 100; gooseberries, bloom 90, condition 80; currants, bloom 90, condition 90. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 75, condition 100; calves, number 100; condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $40, and the cost of service $10 About 7 per cent. of the foals usually die before weaning time.

DUPAGE—The area planted to corn is about the same as last season. The weather has been unfavorable for the growing corn and it is not as far advanced as usual on June 1. The prospect for an average yield per acre of winter wheat is fair. The area is limited. Spring wheat, oats, rye, and barley are all nearly an average in condition. Meadows and pastures are backward owing to the cold, dry weather during the first three weeks of May. The area planted to Irish potatoes is not quite as large as last season; condition only fair, much below the average for June 1. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 80, condition 90; pears, bloom 75, condition 75; plums, bloom 70, condition 50; cherries, bloom 50, condition 50; grapes, bloom 60, condition 75; strawberries, bloom 50, condition 50; raspberries, bloom 90, condition 90; blackberries, bloom 75, condition 75; gooseberries, bloom 90, condition 90; currants, bloom 77, condition 80. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 87, condition 87; lambs, number 77, condition 82; calves, number 105, condition 97; colts, number 97, condition 97. The average price of colts at weaning time is $52 and the cost of service $13 About 8 per cent. of the foals usually die before weaning time.

EDGAR—The area of corn planted this spring is 27 per cent. larger than that of last season. The condition of corn is hardly up to the average for June 1, much of the corn has been planted the second and third time. Sorghum cane is doing well; the area is about the same as last year. The winter wheat left standing for harvest gives promise of a three-fourths yield per acre. Oats and rye are nearly up to the average condition. Meadows and pastures have been increased in area; condition good. Irish and sweet potatoes are making excellent growth; area about that of last season. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 75, condition 87; pears, bloom 50, condition 50; plums, bloom 75, condition 50; cherries, bloom 87, condition 75; grapes, bloom 65, condition 75; strawberries, bloom 87, condition 87; raspberries, bloom 75, condition 75; blackberries, bloom 75, condition 75; gooseberries, bloom 75, condition 75; currants, bloom 75, condition 75. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 100, condition 100; lambs, number 87, condition 87; calves, number 100, condition 100; colts, number 115, condition 103. The average price of colts at weaning time is $50 and the cost of service $12. About 7 per cent. of the foals usually die before weaning time.

EDWARDS—The condition of corn is very good—fully up to the average for June 1. The area is 10 per cent. larger than that of last season. Sorghum cane has made good growth, with an area equal to that of last season. Oats are in excellent condition. Meadows and pastures are doing well; clover meadows have an increased area of 10 per cent. over that of last season. Irish and sweet potatoes are making good growth; the area planted is about the same as last season. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 95; pears, bloom 100, condition 80; plums, bloom 110, condition 100; cherries, bloom 115, condition 90; grapes, bloom 100, condition 100; strawberries, bloom 115, condition 116; raspberries, bloom 110, condition 100; blackberries, bloom 90, condition 90; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with

an average are given by per-centage and are as follows: Pigs, number 95, condition 100; lambs, number 85, condition 80; calves, number 100, condition 90; colts, number 100, condition 100. The average price of colts at weaning time is $35 and the cost of service $10. About 5 per cent. of the foals usually die before weaning time.

EFFINGHAM—Corn is nearly up to an average in condition, and the area is 7 per cent. larger than last season. Some of the early planting was up May 10, and since that date considerable corn has been planted. Sorghum cane is nearly up to an ave age in condition, and the area is some larger than last season. The standing wheat will not make half an average yield per acre. Oats promise well, and rye will make more than three-fourths of an average yield per acre. Tobacco is nearly up to an average in condition, and the area is as large as in 1884. There is an increase in the area of meadows and pastures, especially clover meadows. Grass is making rapid growth and is about up to an in condition. There is an increase in the area of Irish potatoes as compared to 1884; Irish and sweet potatoes promise nearly an average yield per acre. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 105, condition 111; pears, bloom 97, condition 90; plums, bloom 97, condition 82; cherries, bloom 97, condition 59; grapes, bloom 97, condition 86; strawberries, bloom 102, condition 100; raspberries, bloom 90, condition 92; blackberries, bloom 92, condition 95; gooseberries, bloom 90, condition 84; currants, bloom 97, condition 95. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage, and are as follows: Pigs, number 83, condition 92; lambs, number 97, condition 107; calves, number 93, condition 98; colts, number 95, condition 98. The average price of colts at weaning time is $38, and the cost of service $6. About 7 per cent. of the foals usually die before weaning time.

FAYETTE—Corn is up to an average in condition, and the area is 20 per cent. larger than last season: the stand of corn is good, considering the cold, backward spring. The earliest planted corn made its appearance above ground about the 10th of May, but a large area of corn was planted since that date. Broom corn looks well, and the area is as large as last season. Sorghum cane looks well, and the area is nearly as large as The standing of wheat will not make half an average yield per acre. Wheat is over two feet high. Oats are up to an average in condition. Rye will not make much over three-fourths of an average yield per acre. Tobacco looks well and the area is as large as last season The area of clover meadows is some larger than last season; meadows and pastures look well. There will be a large crop of Irish and sweet potatoes. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom, 112; condition 94; pears, bloom 102; condition 87; plums, bloom 100; condition 100; cherries, bloom 100; condition 100; grapes, bloom 94; condition 81; strawberries, bloom 107; condition 96; raspberries, 90; condition 81; blackberries, bloom 87; condition 81; gooseberries, bloom 97; condition 65; currants; bloom 100; condition 77. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by per-centage and are as follows: Pigs, number 97; condition 100; lambs, number, 100; condition 100; calves, number 95; condition 100; colts, number 100; condition 67. The average price of colts at weaning time is $36, and the cost of service $9. About seven per cent. of the foals usually die before weaning time.

FORD—The stand of corn is very uneven, and from present prospects there will not be more than three-fourths of an average yield per acre. The area of corn is some larger than last season; more replanting has been done this season than for years. There will be less than two-thirds of an average yield per acre of wheat. Oats are nearly up to an average in condition. Rye will not make three-fourths of an average yield per acre. The area of flax is twenty per cent. less than last season; the condition gives encouragement for nearly an average yield per acre. The season has not been favorable for the growth of grass, and meadows and pastures are not up to an average for June 1. The area of meadows and pastures is some larger than last season. Irish potatoes are up to an average in condition, and the area is as large as in 1884. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 97, condition 47; plums, bloom 100, condition 100; cherries, bloom 32, condition 32; strawberries, bloom 100, condition 95; raspberries, bloom 100, condition 100; blackberries, bloom 25, condition 25; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 47, condition 100; lambs, number 90, condition 100; calves, number 95, condition 100; colts, number 92; condition, 100. The average price of colts at weaning time is $47, and the cost of service $13.

FRANKLIN—Corn is nearly up to an average in condition and making satisfactory growth. Sorghum cane looks well and the area is larger than last season. There will be but little over half an average yield per acre of wheat that was not plowed up. Oats and rye will make but little over two-thirds of an average yield per acre. The drouth during the past few weeks has been unfavorable for the growth of grain or grass. Tobacco looks well and the area is some larger than last season There is some increase in the area of clover meadows and pastures. Meadows and pastures are much below the average for June 1. Irish and sweet potatoes are nearly up to an average in condition and the area is some larger than last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 98, condition 105; peaches, bloom 10, condition 10; pears, bloom 100, condition 100; plums, bloom 84, condition 74; cherries, bloom 97, condition 92; grapes, bloom 100, condition 82; strawberries, bloom 102, condition 95; raspberries, bloom 93, condition 93; blackberries, bloom 79, condition 89; gooseberries, bloom 102, condition 101; currants, bloom 110, condition 103. The number of births of farm animals this season as compared with last spring and the condition of young stock, as compared with an average, are given by per-centage and are as follows: Pigs, number 90, condition 91; lambs, number 84, condition 102; calves, number 105, condition 100; colts, number 111, condition 100. The average price of

colts at weaning time is $47 and the cost of service $9. About 7 per cent. of the foals usually die before weaning time.

FULTON—Most of the corn has been replanted owing to the inferior seed and unfavorable weather. The area is larger than that of last season. Winter wheat is almost an entire failure; a large portion of it has been plowed up. That left standing will make about two-thirds of an average crop. Spring wheat, oats and rye all look well and give encouragement for an average yield per acre. Meadows and pastures are backward. Clover was considerably winter-killed. Blue grass is in good condition Potatoes are making good growth. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 61, condition 72: pears, bloom 25, condition 50; cherries, bloom 77, condition 79; grapes, bloom 97, condition 95; strawberries, bloom 103, condition 110; raspberries, bloom 90, condition 90; blackberries, bloom 69, condition 72; gooseberries, bloom 81, condition 87; currants, bloom 84, condition 85. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 87, condition 93; lambs, number 85, condition 95; calves, number 98, condition 100; colts, number 104, condition 95. The average price of colts at weaning time is $33 and the cost of service $9. About 9 per cent. of the foals usually die before weaning time.

GALLATIN—The stand of corn is very good except where the cut-worm and army worms have injured it. The seed was better than usual; the area of corn planted is larger than last season. Sorghum cane is not up to the average in growth for June 1. The area is about that of last year. Winter wheat is growing rapidly and promises to make two-thirds of an average yield per acre. Harvest will be ten days later than usual. Tobacco never looked better on June 1; the area is 10 per cent. greater than last season. Meadows and pastures are doing well. Irish and sweet potatoes are growing rapidly and the area is about the same as last season. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 94, condition 70; peaches, bloom 67, condition 46; pears, bloom 63, condition 53; plums, bloom 83, condition 77; cherries, bloom 83, condition 67; grapes, bloom 82, condition 89; strawberries, bloom 100, condition 84; raspberries, bloom 80, condition 72; blackberries, bloom 75, condition 75; gooseberries, bloom 56, condition 47; currants, bloom 75, condition 35. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 85, condition 100; lambs, number 95, condition 88; calves, number 102, condition 100; colts, number. 105, condition 100 The average price of colts at weaning time is $33 and the cost of service $9. About 7 per cent. of the foals usually die before weaning time.

GREENE—Farmers have had much trouble in getting a good stand of corn owing to the inferior quality of the seed and the unfavorable condition of the soil and weather. The area is 17 per cent. larger than that of last season. The condition of sorghum cane does not come up to the average of June 1. The area is larger than usual. Winter wheat is almost a failure and will not make more than a third of a crop. Oats, rye, barley and flax are all in good growing condition, and the prospect fair for an average yield per acre Meadows and pastures are making fine growth. The area is about that of last season. The area of potatoes is increased, condition good. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 96, condition 94; pears, bloom 87, condition 93; plums, bloom 104, condition 95; cherries, bloom 100, condition 89; grapes, bloom 102, condition 104; strawberries, bloom 105, condition 96; raspberries, bloom 88, condition 80; blackberries, bloom 35, condition 50; gooseberries, bloom 91, condition 94; currants, bloom 94, condition 97. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 55, condition 90: lambs, number 62, condition 90; calves, number 82, condition 100; colts, number 70, condition 100. The average price of colts at weaning time is $45 and the cost of service $11. About 7 per cent. of the foals usually die before weaning time.

GRUNDY—Many fields of corn were planted while the soil was damp and cold consequently the seed rotted. The corn planted later in the month came up well and made a good stand. The area is hardly up to that of last season. Sorghum is doing well. Oats, rye, barley and flax are all backward for June 1. Tobacco is making good growth and the area is 7 per cent. larger than last season. Meadows and pastures are not as far advanced as usual for June 1. The area of Irish potatoes is increased and their condition good. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 95, condition 67; plums, bloom 113, condition 65; cherries, bloom 95, condition 56; grapes, bloom 74, condition 64; strawberries, bloom 102, condition 87; raspberries, bloom 105, condition 92; blackberries, bloom 100, condition 90; gooseberries, bloom 100, condition 92; currants, bloom 94, condition 82. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 72, condition 67; lambs, number 70, condition 90; calves, number 95, condition 95; colts, number 105, condition 100. The average price of colts at weaning time is $47 and the cost of service $15. About 9 per cent. of the foals usually die berore weaning time.

HAMILTON—The area of corn is 12 per cent. larger than that of last season. There was considerable corn planted, that made its appearance above ground during April. The unfavorable weather has made all crops more or less backward. There is not a good stand. Much of the corn has been replanted the second time. The wheat left standing will not make more than 30 per cent. of an average yield per acre. Sorghum cane has an increased area, but does not come up to the average in condition. Oats and rye do not look very promising. Tobacco looks well. Meadows and pastures have suffered for rain during the first half of May. Potatoes are mak-

ing good growth. The per-eentage of bloom this spring and the eondition of fruit June 1, as compared with an average, is as follows: Apples, bloom 102, condition 99; peaches, bloom 22, condition 17; pears, bloom 82; eondition 77; plums, bloom 87, eondition 82; cherries, bloom 90, condition 87; grapes, bloom, 94, condition 100; strawberries, bloom 107; condition 80; raspberries, bloom 79, condition 90; blackberries, bloom 52, condition 67; gooseberries, bloom 85, condition 87; currants, bloom 76, condition 75. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 96, condition 82; lambs, number 81, condition 100; calves, number 89, condition 100; colts, number 100, condition 89. The average price of colts at weaning time is $40, and the cost of service $7. About 7 per cent. of the foals nsually die before weaning time.

HANCOCK—The first planting of corn failed to germinate, owing to the inferior quality of seed and the cold, dry weather. Many have planted twice, and a few farmers the third time. The area is 13 per cent. greater than that of last season. The winter wheat left for harvest will not make more than a half a crop. Oats and rye are not up to the average eondition for June 1. Meadows and pastures are very backward, owing to the want of rain during the first half of the month. Irish and sweet potatoes have about the same area as last season; condition not up to the average for June 1. Sorghum cane does not look well, and the area planted is not as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 83, condition 80; pears, bloom 95, condition 88; plums, bloom 100, condition 83; cherries, bloom 97, condition 82; grapes, bloom 97, condition 97; strawberries, bloom, 100, condition 97; raspberries, bloom 90, condition 90; blackberries, bloom 87, condition, 87; gooseberries, bloom 92, condition 100; currants, bloom 87, condition 92. The number of births of farm animals this season as compared with last spring, and the eondition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 7-, condition 100; lambs, number 87, condition 100; calves, number 98, condition 102; colts, number 97, condition 93. The average price of colts at weaning time is $35, and the cost of service $13. About 6 per cent. of the foals usually die before weaning time.

HARDIN—The first planting of corn came up very irregular, making a poor stand. The late planting looks very well. The area is about the same as last season. Cut worms are troubling the young corn to a considerable extent. Not more than half the usual area of sorghum cane has been planted, and its condition is not good. The condition of oats is anything but flattering. The recent dronth has greatly injured the growing crops. Since the late rains meadows and pastures have made a remarkably rapid growth. The area of Irish and sweet potatoes is not as large as last season; condition, only fair. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 75, condition 80; peaches, bloom 100, condition 80; grapes, bloom 70, condition 70; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 80; currants, bloom 80; condition 88. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-eentage and are as follows: Pigs, number, 100, condition 80; lambs, number 50, eondition 80; calves, number 100, condition 90; colts, number 100; condition 100. The average price of eolts at weaning time is $40, and the cost of serviee $7. About 5 per cent. of the foals usually die before weaning time.

HENDERSON—More than half of all the corn has been replanted and many farmers are still replanting. The seed has proven very poor and the prospect for an average yield per acre is not flattering. The area is not as large as that of last season. Sorghum cane has about the same area as last year. The condition is not up to the average for June 1. Winter wheat has not made good growth since the warm weather and does not give encouragement for even a one-third yield per acre. Oats and rye are doing very well considering the cold, dry weather. Meadows and pastures are backward. Irish and sweet potatoes are in good condition with the same area as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 80, condition 90; cherries, bloom 100, condition 90; grapes, bloom 60, condition 80; strawberries, bloom 100, eondition 100; raspberries, bloom 50, condition 60; blackberries, bloom 20, condition 20; gooseberries, bloom 75, condition 80; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young live stoek as compared with an average are given by per-centage and are as follows: Pigs, number 42, eondition 90; lambs, number 100, condition 100; calves, number 90, eondition 100; colts, number 75, condition 90. The average price of colts at weaning time is $52 and the eost of service $20. About 7 per cent of the foals usually die before weaning time.

HENRY—About one-half the area of eorn planted has been re-planted; some of it the third time. The corn root web-worm has seriously damaged the corn of this county for the past four years, and has made its appearance this season. The area is not as large as last season. Broom corn and sorghum cane are doing well. The area of the latter is greater than that of last year. Oats and rye promise nearly an average yield per acre. Meadows and pastures are not up to the average in condition owing to the lateness of the spring. Irish and sweet potatoes are doing well. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 96, condition 93; pears, bloom 50, condition 50; plums, bloom 100, condition 100; cherries, bloom 99, condition 94; grapes, bloom 80, condition 82; strawberries, bloom 101, condition 95; raspberries, bloom 94, condition 91; blackberries, bloom 72, eondition 72; gooseberries, bloom 95, condition 90; currants, bloom 90, condition 90 The number of births of farm animals this season as eompared with last spring and the condition of young stock as eompared with an average, are given by per-centage and are as follows: Pigs, nnmber 95, condition 100; lambs, number 87, condition 99; calves, number 99, condition 97; colts, nnmber 99, condition 100. The average price of colts at weaning time is $50 and the cost of service $15. About 6 per cent. of the foals usually die before weaning time.

IROQUOIS—The stand of corn is very uneven. Much of it has been re-planted the

second time owing to the cold, dry spring, and the inferior quality of the seed. The germ of the seed corn where exposed to the extreme cold was more or less injured. The area is about as large as that of 1881. Sorghum cane is doing well. The limited area of winter wheat raised in this county will not make more than two-thirds of an average yield per acre. Oats, rye and flax are in good growing condition. Meadows and pastures are late but are making rapid growth. Irish and sweet potatoes are in good condition with an area equal to that of last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 73, condition 69; plums, bloom 100, condition 100; cherries, bloom 40, condition 49; grapes, bloom 50, condition 53; strawberries, bloom 107, condition 100; raspberries, bloom 62, condition 42; blackberries, bloom 37, condition 75; gooseberries, bloom 97, condition 79; currants, bloom 93, condition 75. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 64, condition 100; lambs, number 80, condition 99; calves, number 97, condition 100; colts, number 104, condition 100. The average price of colts at weaning time is $37, and the cost of service $13. About 8 per cent of the foals usually did before weaning time.

JACKSON –Owing to the exceedingly dry, cold weather of the past month corn did not come up well and much of it rotted in the ground. The area is not as large as last season. Winter wheat gives encouragement for a three-fourths yield per acre. There has not been the usual amount of sorghum cane planted and its condition is not good. Oats do not promise more than half a crop. Meadows and pastures are about an average in condition and area. The army worm has made its appearance and has done great damage to many meadows. Potatoes are looking well. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 90; peaches, bloom 25, condition 100; pears, bloom 100, condition 100; plums, bloom 100, condition 75; cherries, bloom 100, condition 75; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 82; raspberries, bloom 87, condition 75; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by per-centage and are as follows: Pigs, number 75, condition 100; lambs, 100, condition 100; calves, number 75, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $40 and the cost of service $8. About 5 per cent. of the foals usually die before weaning time.

JASPER—The condition of corn is not up to the average for June 1. The area is about the same as that of last season. Broom corn and sorghum cane are in good condition, and the area equal to that of 1884. Winter wheat is an entire failure. Oats and rye are not doing well, and have not made an average growth for June 1. There is very little tobacco raised in this county, and its condition is not up to the average. Meadows and pastures are in fair condition, with an area equal to that of last season. Potatoes are doing well. The area is about the same as in 1884. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 100; pears, bloom 77, condition 62; plums, bloom 90, condition 62; cherries, bloom 65, condition 62; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 80; raspberries, bloom 87, condition 87; blackberries, bloom 75, condition 100; gooseberries, bloom 77, condition 90; currants, bloom 90, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 75; condition 100; lambs, number 80, condition 100; calves, number 90; condition 100; colts, number 87, condition 100. The average price of colts at weaning time is $40, and the cost of service $7. About 7 per cent. of the foals usually die before weaning time.

JEFFERSON—There is a larger area of corn planted than last season by 15 per cent. Some trouble in obtaining a good stand on account of dry, cold weather. All re-planted in good time and the general prospect is better than usual. Broom corn and sorghum cane are doing well. The area is equal to that of last year. Winter wheat will not make more than one-fourth of an average yield. In some portions of the county it is an entire failure. Oats give great promise, fine growth and good color. The usual area of tobacco has been planted and looks well. Meadows and pastures have made the usual growth since June 1. Irish and sweet potatoes doing well. The area of each is about that of last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 110; pears, bloom 95, condition 95; plums, bloom 110, condition 80; cherries, bloom 110, condition 90; grapes, bloom 100, condition 100; strawberries, bloom 100, condition 100; raspberries, bloom 10, condition 10; blackberries, bloom 17, condition 17; gooseberries, bloom 100, condition 100; currants, bloom 90, condition 90. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 90, condition 77; lambs, number 90, condition 95; calves, number 95, condition 100; colts, number 95, condition 95. The average price of colts at weaning time is $52 and the cost of service $10. About 7 per cent. of the foals usually die before weaning time.

JERSEY—The season for corn planting has been from two to three weeks later than usual, with a great deal of replanting on account of unfavorable season and inferior seed. The area has been increased one-fourth over that of last season. Winter wheat is almost an entire failure; only a few pieces on timber land will pay for harvesting. Sorghum cane is doing well and the area is about the same as last season. Oats are looking well but are a little backward. Meadows and pastures are in fine condition. Irish and sweet potatoes are doing well and have about the same area as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 72, condition 80; pears, bloom 77, condition 87; plums, bloom 83, condition 83; cherries, bloom 80, condition 85; grapes, bloom 92, condition 92; strawberries, bloom 103, condition 100; raspberries,

bloom 88, condition 88; blackberries, bloom 57, condition 57; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage and are as follows: Pigs, number 105, condition 105; lambs, number 100, condition 100; calves, number 100, condition 100: colts, number 100, condition 100. The average price of colts at weaning time is $50 and the cost of service $11. About 3 per cent. of the foals usually die before weaning time.

JODAVIESS—There was very little corn planted prior to May 10, on account of the unfavorable season. The greater portion of the corn was planted since the middle of the month, and is just making its appearance above the ground. The area is a little larger than last season. Sorghum cane is doing well, and the area is equal to that of last season. Spring wheat, oats, rye and barley are making good growth. Meadows and pastures are a little backward, but are growing finely since the rain of last week. The limited area of tobacco raised in this county is doing well. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 82, condition 75; plums, bloom 95, condition 97; cherries, bloom 55, condition 52; grapes, bloom 95, condition 95; strawberries, bloom 87, condition 92; raspberries, bloom 85, condition 75; blackberries, bloom 65, condition 70; gooseberries, bloom 100, condition 100; currants, bloom 100, currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 100, condition 97; lambs, number 87, condition 92; calves, number 100, condition 109; colts, number 100, condition 100. The average price of colts at weaning time is $35, and the cost of service $12. About 2 per cent. of the foals usually die before weaning time.

JOHNSON—Corn planting was finished earlier than usual—stand very good The area is about one-fifth larger than that of last season. Broom corn is making very rapid growth and the area is about equal to that of last season. The same may be said of sorghum cane. Winter wheat will not make half an average yield per acre. Oats and rye are not up to the average for June 1, owing to the unfavorable spring. Meadows and pastures are short but are improving since the late rains. Irish and sweet potatoes have made good growth. The area planted is about the same as last season The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 101, condition 81; peaches, bloom 65, condition 55; pears, bloom 100, condition 77; plums, bloom 100, condition 75; cherries, bloom 102, condition 87; grapes, bloom 92, condition 100; strawberries, bloom 97, condition 82; raspberries, bloom 97, condition 97; blackberries, bloom 97, condition 102; gooseberries, bloom 97, condition 92; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 84, condition 95; lambs, number 74, condition 91; calves, number 86, condition 86; colts, number, 102, condition 100. The average price of colts at weaning time is $49, and the cost of service $8. About three per cent. of the foals usually die before weaning time.

KANE—The area of corn is nearly as large as last season; corn with favorable conditions will make an average yield per acre. Wheat promises about an average yield per acre. There has been an unusual amount of corn replanted, and the limited time between frosts in the spring and fall, makes farmers nervous about corn maturing when the spring season is as backward as this year. There are many farmers who are still plowing for corn, which will require favorable weather next fall for ripening. Oats and rye are not quite up to an average in condition, but since the warm Weather have made very satisfactory growth. Flax looks well, and the area is larger than last season. Meadows and pastures are nearly up to an average in condition; the area of clover meadows is nearly as large as last season. Irish potatoes are in good condition, and the area is some larger than last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared an average, is as follows: Apples, bloom 94, condition 100; cherries, bloom 100, condition 97; grapes, bloom 75, condition 83; strawberries, bloom 102 condition 102; raspberries bloom 95, condition 96; blackberries, bloom 100; condition 100; gooseberries, bloom 100, condition 100; currants, bloom 96, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 102, condition 102; lambs, number 92, condition 100; calves, number 110, condition 100, colts, number 105, condition 100. The average price of colts at weaning time is $38, and the cost of service $15; about three per cent. of the foals usually die before weaning time.

KANKAKEE—The area of corn planted this spring is larger than that of last season. The condition is fair and promises nearly an average yield per acre. The area of broom corn and sorghum cane is not as large as last year. Condition about an average for June 1 Winter wheat will make about two-thirds of an average yield per acre. Spring wheat, oats and rye are all a little late but are making a good growth. The area of flax is about the same as last season. Condition good. Meadows and pastures are in splendid condition. Irish potatoes are doing well. The area planted is as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 76, condition 75; plums, bloom 87, condition 100; cherries, bloom 42, condition 53; grapes, bloom 100, condition 100; strawberries, bloom 107, condition 107; raspberries, bloom 92, condition 90; blackberries, bloom 58, condition 80; gooseberries, bloom 82, condition 100; currants, bloom 92, condition 109. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage and are as follows: Pigs, number 95, condition 101; lambs, number 82, condition 100; calves, number 105, condition 100; colts, number 86, condition 95. The average price of colts at weaning time is $45, and the cost of service $11. About 7 per cent. of the foals usually die before weaning time.

KENDALL—The stand of corn is not good. There has been more replanting than usual,

owing to the unfavorable weather and poor seed. The area is about the same as that of last season. This is the only county in the State excepting one, that promises a full average yield per acre of winter wheat. Very little spring wheat raised in the county. Oats and rye are a little backward. Meadows and pastures are not as far advanced as usual for June 1. Irish potatoes are about an average in area and condition. The per-centage of bloom, this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 77, condition 70; plums, bloom 100, condition 100; cherries, bloom 53, condition 43; grapes, bloom 33, condition 32; strawberries, bloom 100, condition 100; raspberries, bloom 90, condition 83; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given as follows: Pigs, number 77, condition 97; lambs, number 80, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time, is $35, and the cost of service, $14. About 5 per cent. of the foals usually die before weaning time.

KNOX—The area of corn is somewhat larger than last season; the stand is not up to an average, owing to the cold, backward season and the poor quality of the seed. The area of broom corn is as large as in 1884, and the prospects are encouraging for nearly an average yield per acre. Sorghum cane looks well: the area is not quite as large as last season. There will be an average yield per acre of spring wheat, and about three-fourths of an average yield per acre of winter wheat, which is not grown extensively in this county. Oats and rye are nearly up to an average in condition. The season has not been favorable for the usual growth of grass; the area of meadows is not quite as large as last season. Irish and sweet potatoes are nearly up to an average in condition; the area is as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 90, condition 92; cherries, bloom 80, condition 75; grapes, bloom 35, condition 35; strawberries, bloom 97, condition 100; raspberries, bloom 90, condition 87; blackberries, bloom 90; condition 95; gooseberries, bloom 100; condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with an average, are given by per-centage and are as follows: Pigs, number 89, condition 95; lambs, number 89, condition 91; calves, number 101, condition 100; colts, number 91, condition 99. The average price of colts at weaning time is $14, and the cost of service $13. About 1 per cent. of the foals usually die before weaning time.

LAKE—The season has been very late for corn. None up yet, and a great deal yet to be planted. The ground is being put in good condition. The limited area sown in winter wheat will make about 85 per cent. of an average yield per acre. Spring wheat, oats, rye and barley are all backward but growing finely. Meadows and pastures are not quite up the average for June 1. A good rain is needed. The area of Irish potatoes is not as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 90, condition 87; pears, bloom 92, condition 92; cherries, bloom 90, condition 92; grapes, bloom 80, condition 92; strawberries, bloom 100, condition 87; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 85, condition 85; currants, bloom 77, condition 80. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage, and are as follows: Pigs, number 87, condition 98; lambs, number 73, condition 98; calves, number 102, condition 100; colts, number 102, condition 98. The average price of colts at weaning time is $42, and the cost of service $12. About 4 per cent. of the foals usually die before weaning time.

LASALLE—There has been a great deal of replanting owing to the unfavorable weather. The seed rotted in the ground. The area is is about the same as that of last season. Sorghum cane is looking well. Winter wheat will make a little over two-thirds of an average yield per acre. Spring wheat, oats and rye are not up to the average June 1 condition. The area of flax has been increased—condition good. Meadows and pastures are backward owing to ths drouth. Irish and sweet potatoes are not up to an average in condition. The per-centage of bloom, this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 93, condition 70; plums, bloom 90, condition 77; cherries, bloom 57, condition 50; grapes, bloom 45, condition 48; strawberries, bloom 100, condition 92; raspberries, bloom 85, condition 70; blackberries, bloom 47, condition 45; gooseberries, bloom 97, condition 100; currants 93, condition 99. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 83, condition 100; lambs, number 88, condition 97; calves, number 100, condition 99; colts, number 75, condition 99. The average price of colts at weaning time is $79, and the cost of service, $21. About 6 per cent. of the foals usually die before weaning time.

LAWRENCE—The area of corn planted this spring is 7 per cent. greater than that of last season. The stand is better than an average; color good and generally clean. Winter wheat has improved some during the month and gives encouragement for about a half crop. Sorghum cane looks well and the area is about that of last season. Oats, rye and barley are all doing well, making a good growth. Meadows and pastures are in splendid condition. Irish and sweet potatoes are about an average in condition and area. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 107; pears, bloom 95, condition 90; plums, bloom 102, condition 98; cherries, bloom 102, condition 92; grapes, bloom 93, condition 92; strawberries, bloom, 95, condition 95; raspberries, bloom 77, concondition 77; blackberries, bloom 50, condition 50; gooseberries, bloom 100, condition 97; currants, bloom 107, condition 103. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage and are as follows: Pigs, number 95, condition 95; lambs, number 97, condition 97; calves, number 97, condition 100; colts, number 90, condition 90. The average price of colts at

weaning time, is $40; and the cost of service, $11. About 6 per cent. of the foals usually die before weaning time.

LEE—There is about the same acreage of corn planted as in 1884; the larger portion of the planting was done May 20-25; the weather being favorable, the corn came up in a week after planting, making a good stand, and is free from insects. Spring wheat and oats look well, and the prospect is good for an average yield per acre. Rye and barley are below the average in condition. About the usual acreage of tobacco has been planted, and the condition is up to the average. There is an increased area of meadows and pastures as compared with 1884. The recent warm weather and rains has greatly benefited grass, which, up to the middle of the month, was backward. About the usual acreage of Irish and sweet potatoes has been planted, and their condition is not quite up to an average. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 95; pears, bloom 80, condition 70; plums, bloom 107, condition 90; cherries, bloom 80, condition 67; grapes, bloom 10, condition 10; strawberries, bloom 102; condition 100; raspberries, bloom 97, condition 95; blackberries, bloom 67, condition 67; gooseberries, bloom 95, condition 92; currants, bloom 97, condition 95. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 101, condition 100; lambs, number 91, condition 100; calves, number 100, condition 100; colts, number 98, condition 100. The average price of colts at weaning time is $31, and the cost of service $10. About 1 per cent. of the foals usually die before weaning time.

LIVINGSTON—The stand of corn is very uneven, and there has been an unusual amount of replanting, owing largely to the damage done by insects and the cold, backward season. The area of corn is some larger than last season; from present prospects there will be over three-fourths of an average yield per acre of corn. The stand of sorghum gives no encouragement for even two-thirds of an average yield per acre; the area is one-fourth less than last season. The standing wheat will make three-fourths of an average yield per acre; same may be said of oats. Rye promises but little over half an average yield per acre. The area of flax is about half that of the previous year; the condition indicates three-fourths of an average yield per acre. The area of meadows and pastures is some larger than last season. The season has not been favorable for the growth of grass which is much below the average for June 1. Irish potatoes are not up to an average in condition; the area is the same as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 71, condition 69; plums, bloom 92, condition 73; cherries, bloom 80, condition 28; strawberries: bloom 103, condition 90; raspberries, bloom 110, condition 100; blackberries, bloom 70, condition 80; gooseberries, bloom 90, condition 87; currants, bloom 93, condition 92. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage, and are as follows: Pigs, number 95, condition 92; lambs, number 97, condition 100; calves, number 101, condition 100; colts, number 96, condition 97. The average price of colts at weaning time is $47, and the cost of service $16. About 10 per cent. of the foals usually die before weaning time.

LOGAN—Corn is not looking as well as usual for June 1. During the early part of the month the ground was cold and damp, and much of the seed rotted, causing a great deal of replanting. The area is larger than that of last season. Winter wheat has nearly all been plowed up. The little left standing will make a three-fourths crop. Rye and oats are in fair condition. The past two weeks has not been favorable for growing crops, owing to the drouth. The area planted to sorghum cane is less than last year, and its condition is not up to an average. Meadows and pastures are in fine condition with an increased acreage over last season. Irish and sweet potatoes are doing well. The area is about the same as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 103; pears, bloom 100, condition 97; plums, bloom 100, condition 100; cherries bloom 103, condition 103; grapes, bloom 92; condition 85; strawberries, bloom 103, condition 102; raspberries, bloom 100, condition 100; blackberries, bloom 100, condition 97; gooseberries, bloom 105, condition 100; currants, bloom 100; condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 95, condition 100; lambs, number 95, condition 100; calves, number 100, condition 100; colts, number 102; condition 100. The average price of colts at weaning time is $45, and the cost of service $13. About 6 per cent. of the foals usually die before weaning time,

MACON—There is much complaint about the stand of corn—over one-fourth of the seed failed to germinate, and there has been an unusual amount of replanting. The area is some larger than last season, but the condition is not up to an average. The prospects are not encouraging for more than half an average yield per acre of sorghum; the area is as large as last season. Winter wheat is a failure. Oats are up to an average in condition. Rye will make two-thirds of an average yield per acre. Meadows and pastures are nearly up to an average in condition; the area of clover meadows is some larger than last season. Irish potatoes look well, and the area is as large as in 1884. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 93; cherries, bloom 100, condition 90; grapes, bloom 75, condition 75; strawberries, bloom 107, condition 92; raspberries, bloom 75, condition 75; blackberries, bloom, 110, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100; condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage, and are as follows: Pigs, number 73, condition, 100; lambs, number 78, condition 100; calves, number 102, condition 100; colts, number 102, condition 100. The average price of colts at weaning time is $43, and the cost of service $13. About 6 per cent. of the foals usually die before weaning time.

MACOUPIN—Corn is nearly up to an average in condition and the area is 24 per cent. larger than last season; there has been more trouble than usual in getting a stand of corn, owing to the cold and unfavorable season. The growing wheat will not make over 15 per cent. of an average yield per acre; nearly all the wheat ground has been planted with corn. Oats and rye are nearly up to an average in condition. Grass has made good growth since the late rains and will make nearly an average crop of hay. The area of clover and pastures is some larger than in 1884. Irish and sweet potatoes are above an average in condition and the area is larger than last season. The locusts have made their appearance, but no damage has been done by this insect. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 106, condition 97; pears, bloom 100; condition 77; plums, bloom 100, condition 92; cherries, bloom 97, condition 85; grapes, bloom 97, condition 92; strawberries, bloom 114, condition 109; raspberries, 85, condition 87; blackberries, bloom 88, condition 88; gooseberries, bloom 105, condition 104; currants, bloom 107, condition 105. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 78, condition 99; lambs, number 90, condition 100; calves, number 105, condition 98; colts, number 102, condition 98. The average price of colts at weaning time is $40, and the cost of service $12. About 6 per cent. of the foals usually die before weaning time.

MADISON—Poor seed and the cold, unfavorable season has put the corn back in growth nearly one month. Many farmers have planted second and third time. The failure of wheat has resulted in a large increase in the corn area which is more than one-half larger than last year. Broom corn is up to an average in condition and the area is as large as that of the previous crop. The limited area of growing wheat will not make much over three-fourths of an average yield per acre. Oats are in excellent condition. Rye will not make two-thirds of an average yield per acre. Barley looks well and the area is as large as last season. There is is an increase in the area of meadows and pastures and the condition of grass promises more than an average yield per acre. Irish and sweet potatoes are up to an average in condition—the area of Irish potatoes is some larger than last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average is as follows: Apples, bloom 109, condition 95; Pears, bloom 93, condition 62; plums, bloom 109, condition 98; cherries, bloom 100, condition 98; grapes, bloom 92, condition 100; strawberries, bloom 103, condition 101; raspberries, bloom 92, condition 93; blackberries, bloom 100, condition 98; gooseberries, bloom 97, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 102, condition 100; lambs, number 101, condition 101; calves, number 100, condition 100; colts, number 102, condition 100. The average price of colts at weaning time is $33 and the cost of service $12. About 5 per cent. of the foals usually die before weaning time.

MARION—The area of corn is fully 15 per cent. above that of last season, and its condition is not up to the average for June 1, owing to the cold, unfavorable weather of the past month. Very little corn had made its appearance above ground up to May 20. Broom corn is looking well, and the area has been considerably increased. Sorghum cane promises well, and the area is about the same as last season. About three-fourths of the winter wheat is left for harvest, and the prospect is encouraging for two-thirds of an average yield per acre. Meadows and pastures are very backward. The late planting of Irish potatoes does not come up to the average in condition or acreage. Sweet potatoes are doing well, and the area is larger than last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 130, condition 100; pears, bloom 125, condition 120; plums, bloom 120, condition 85; cherries, bloom 115, condition 105; grapes, bloom 100, condition 102; strawberries, bloom 115, condition 102; raspberries, bloom 80, condition 77; blackberries, bloom 55, condition 42; gooseberries, bloom 85, condition 85; currants, bloom 102, condition 100. The number of births of farm this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage, and are as follows: Pigs, number 62, condition 77; lambs, number 100, condition 72; calves, number 102, condition 97; colts, number 82, condition 85. The average price of colts at weaning time is $30, and the cost of service $9. About 5 per cent. of the foals usually die before weaning time.

MARSHALL—There has been more replanting of corn this season than usual owing to the cold dry, weather, poor seed and the want of rain. The area is larger than that of last season but the condition is far below the average for June 1. About the usual area of broom corn has been planted and its condition is very good. Winter wheat is nearly a failure. Oats and rye are not quite up to the average in condition. The area of barley is 10 per cent. greater than in 1884 and its condition is considerably above the average for June report. There is an increase in the area of meadows and pastures, especially clover meadows. Irish and sweet potatoes are doing well. The area is about the same as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 90, condition 57; pears, bloom 70, condition 30; plums, bloom 120, condition 80; cherries, bloom 80, condition 55; grapes, bloom 40, condition 30; strawberries, bloom 110, condition 107; raspberries, bloom 80, condition 70; blackberries, bloom 40, condition 20; gooseberries, bloom 100, condition 100; currants; currants, bloom 90, condition 80. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 90, condition 80; lambs, number 90, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $45, and the cost of service $12. About 7 per cent of the foals usually die before weaning time.

MASON—There was very little corn up before May 20; fully half of that planted failed to germinate, and was replanted. The general condition is not good. The area is increased over that of last year. Winter wheat is almost a failure, and the prospect is not good for more than 40 per cent. of an average yield per acre. Spring wheat, oats and rye

are all looking well and promise about average yield per acre. Meadows and pastures are in very fair condition. Irish and sweet potatoes are looking well, with about an average acreage. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 90; pears, bloom 100, condition 100; plums, bloom 100, condition 100; cherries, bloom 100, condition 100; grapes, bloom 90, condition 100; strawberries, bloom 90, condition 87; raspberries, bloom 100, condition 87; blackberries, bloom 100, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 80, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $50, and the cost of service $15. About 7 per cent. of the foals usually die before weaning time.

MASSAC—Corn is up to an average in condition, and the area is ten per cent. larger than last season. Sorghum cane looks well, and the planting is as large as in 1884. A large portion of the wheat was plowed up, and the standing wheat will not make much over one-third of an average yield per acre. Rye is in about the same condition as wheat. Oats, from present prospects, will make nearly an average yield per acre. Tobacco looks well, and the area is as large as in 1884. Pastures look well; the area is larger than last year, of meadows and pastures—especially of clover meadows. Sweet potatoes look well. Irish potatoes are above an average in condition: the area of Irish and sweet potatoes is some larger than in 1884. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 98; peaches, bloom 115, condition 114; pears, bloom 84, condition 88; plums, bloom 100, condition 101; cherries, bloom 102, condition 96; grapes, bloom 100, condition 100; strawberries, bloom 102, condition 104; raspberries, bloom 99, condition 97; blackberries, bloom 100, condition 100; gooseberries, bloom 90, condition 90. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 97, condition 112; lambs, number 100, condition 102; calves, number 108, condition 100; colts, number 93, condition 100. The average price of colts at weaning time is $47, and the cost of service $9.

MCDONOUGH—There is great complaint of the inferior quality of the seed corn—more than half the crop had to be replanted and much of it the second and third time. The area of corn planted is larger than last season. About the usual area of Sorghum cane has been planted—condition fair. The prospect for winter wheat was never worse than this season; nearly all of it was plowed up and the small area left standing will not make more than 40 per cent. of an average yield per acre. Spring wheat and oats are doing finely. Rye does not give encouragement for more than three-fourths of an average yield per acre. Meadows and pastures are doing well. Irish and sweet potatoes are in good condition. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 60, condition 60; cherries, bloom 75, condition 67; grapes, bloom 75, condition 75; strawberries, bloom 87, condition 87; raspberries, bloom 100, condition 87; blackberries, bloom 62, condition 62; gooseberries, bloom 90, condition 90; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 87, condition 92; lambs, number 75, condition 75; calves, number 100, condition 100; colts, number 100, condition 88. The average price of colts at weaning time is $45 and the cost of service $15. About 5 percent of the foals usually die before weaning time.

MCHENRY—The cold season has been very unfavorable for corn which is not up to an average in condition for June 1. The area of corn is about the same as last season. The area planted with sorghum cane is as large as last season. The limited area of winter wheat from present prospects will make over three-fourths of an average yield per acre. Spring wheat and oats are nearly up to an average in condition. Rye and barley promise more than three-fourths of an average yield per acre. The area of barley is as large as in 1884 Grass has not made usual growth, owing to the unfavorable season—area of clover not quite as large as last season. Irish potatoes have not made usual growth from present prospects will not make much over three-fourth of an average yield per acre. The area of Irish potatoes is nearly as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 72, condition 85; pears, bloom 10, condition 5; cherries, bloom 100, condition 87; grapes, bloom 47, condition 55; strawberries, bloom 95, condition 87; raspberries, bloom 92, condition 92; blackberries, bloom 10, condition 5; currants, bloom 75, condition 80. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 95; condition 100; lambs, number 75; condition 89; calves, number 104, condition 100; colts, number 101, condition 99. The average price of colts at weaning time is $36, and the cost of service $10. About 4 per cent. of the foals usually die before weaning time.

MCLEAN—The stand of corn is poor and there has been much complaint of the inferior quality of seed corn. The area of corn is some larger than last season and from present prospects there will not be much over three-fourths of an average yield per acre. Sorghum cane promises less than two-thirds of an average yield per acre—the planting is one-half less than last season. Winter wheat is in bad condition and will make but little over one-third of an average yield per acre. Oats look well. Rye promises nearly two-thirds of an average yield per acre. Meadows and pastures are nearly up to an average in condition and since the warm weather grass has made rapid growth—the area of meadows and pastures is about as large as last season. The area of sweet potatoes is one-fourth less than last season and from present prospects there will not be more than three-fourths of an average yield per acre. Irish potatoes are nearly up to an average in condition and the area is as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 72,

condition 67; pears, bloom 40, condition 40; plums, bloom 50, condition 50; cherries, bloom 79, condition 70; grapes, bloom 23, condition 30; strawberries, bloom 102, condition 97; raspberries, 84, condition 79; blackberries, bloom 47, condition 53; gooseberries, bloom 67, condition 70; currants, bloom 75, condition 77. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 92, condition 95; lambs, number 80, condition 95; calves, number 100, condition 97; colts, number 100, condition 95. The average price of colts at weaning time is $65, and the cost of service $16.

MENARD—A considerable portion of the corn area has been planted the second and third time, owing to the cold season and inferior quality of the seed used. The corn area is larger than last season, but the condition is not up to the average for June 1. Sorghum cane looks well, and the area is some larger than last season. The condition of the growing wheat gives encouragement for about half an average yield per acre. Oats are in excellent condition, and rye is nearly up to an average. There is a slight increase in the area of pastures as compared to June 1, 1884. Meadows and pastures are nearly up to an average in condition, and of late grass has made good growth. Irish and sweet potatoes are nearly up to an average in condition—the area of Irish potatoes is some larger than last season. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with average, is as follows: Apples, bloom 85, condition 85; pears, bloom 92, condition 87; plums, bloom 100, condition 93; cherries; bloom 89, condition 86; grapes, bloom 87, condition 67; strawberries 93; condition 96; raspberries, bloom 100, condition 97; blackberries, bloom 100, condition 100; gooseberries, bloom 95; condition 93; currants bloom, 82, condition 77. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 94; condition 95; lambs, number 87; condition 100; calves, number 99; condition 100; colts, number 100; condition 100. The average price of colts at weaning time is $43, and the cost of service, $14. About 7 per cent. of the foals usually die before weaning time.

MERCER—There is considerable corn land that will be planted in June—the farmers planted much of their corn before the ground was warm, and there has been an unusual amount of replanting. The condition of corn indicates less than three-fourths of an average yield per acre—the area of corn is some larger than last season. Broom corn will make nearly three-fourths of an average yield per acre—the area is about one-fourth less than in 1884. Sorghum cane will make but little over half an average yield per acre, and the area is twenty-five per cent. less than last season. Spring wheat promises about three-fourths of an average yield per acre; the same may be said of rye. Oats are nearly up to an average in condition. The area of meadows and pastures is some larger than last season, and grass is nearly up to an average in condition. Irish and sweet potatoes are nearly up to an average in condition, and the area of Irish potatoes is some larger than last season. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 69, condition 50; plums, bloom 93; condition 50; cherries, bloom 67; condition 44; grapes, bloom 83; condition 58; strawberries, bloom 102, condition 97; raspberries, bloom 100, condition 87; blackberries, bloom 70; condition 80; gooseberries, bloom 75, condition 70; currants, bloom 93, condition 90. The number of births of farm animlas this season as compared with last spring, and the conditition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 77; condition 90; lambs, number 75; condition 87; calves, number 75; condition 97; colts, number 87; condition 80. The average price of colts at weaning time is $55, and the cost of service $15. About 7 per cent. of the foals die before weaning time.

MONROE—There is fully one-third more corn planted than last season and the stand is better than usual although there has been some replanting done. Broom corn is looking well and the area planted is about the same as last season. The area planted to sorghum cane is larger than that of last season—condition good. Of the winter wheat left standing more than a half crop can be expected. Oats, rye and barley are doing well and are nearly up to an average in condition. There is an increased area in meadows and pastures—condition below an average, but the late warm rains have done much for clover and grass. The condition of Irish and Sweet potatoes is fair—the area planted above that of last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 86; condition 95; peaches, bloom 85, condition 85; pears, bloom 94, condition 92; plums, bloom 96, condition 91; cherries, bloom 78, condition 75; grapes, bloom 95, condition 97; strawberries, bloom 98, condition 95; raspberries, bloom 95, condition 92; blackberries, bloom 97, condition 93; gooseberries 97, condition 93; currants, bloom 97, condition 93. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 100, condition 103; lambs, number 90, condition 97; calves, 98, condition 100; colts, number 102, condition 98. The average price of colts at weaning time is $30, and the cost of service $7. About 5 per cent. of the foals usually die before weaning time.

MONTGOMERY—The area of corn is one-fourth larger than last season, owing in part to the failure of wheat. Corn is nearly up to an average in condition, and making satisfactory growth. Sorghum looks well, and the area is some larger than last season. Winter wheat is nearly a failure, and there are but few fields that will be harvested. Oats and rye are making satisfactory growth, and promise nearly an average yield per acre. There is a large increase in the area of meadows, especially clover meadows. Grass is nearly up to an average in condition. Irish and sweet potatoes look well, and the area is larger than last season. The season has been backward and until recently farmers have been somewhat discouraged about the prospects for the growing crops. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 85; pears, bloom 100, condition 81; plums, bloom 100, condition 82; cherries, bloom 100, condition 81; grapes, bloom 97, condition 97; strawberries, bloom

102, condition 97; raspberries, bloom 76, condition 90; blackberries, bloom 61, condition 76; gooseberries, bloom 90, condition 100; currants, bloom 87, condition 97. The number of births of farm animals this season, as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 100, condition 102; lambs, number 97, condit on 100; calves, number 107, condition 102; colts, number 96, condition 97. The average price of colts at weaning time is $44, and the cost of service, $12. About 6 per cent. of the foals usually die before weaning time.

MORGAN—Corn is nearly up to an average in condition, and the area is larger than last season. The crop has made good growth since the warm season, and promises well. Corn looks much better on drained land. Sorghum cane will make over three-fourths of an average yield per acre, and the late planting is larger than that of 1884. The standing wheat will make nearly three-fourths of an average yield per acre. Spring wheat and rye are nearly up to an average in condition. Oats are in very promising condition, and with favorable season will make more than an average yield per acre. Meadows and pastures look well, and the area is as large as in 1884. Irish and sweet potatoes are up to an average in condition—the area of Irish potatoes is some larger than last season. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 97, condition 100; pears, bloom 95, condition 100; plums, bloom 105, condition 100; cherries, bloom 97, condition 93; grapes, bloom 75, condition 87; strawberries, bloom, 102 condition 97; raspberries, bloom 90, condition 85; blackberries, bloom 75, condition 58; gooseberries, bloom 100, condition, 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 89; condition 95; lambs, number 77; condition 100; calves, number, 102; condition 100; colts, number 104; condition 100. The average price of colts at weaning time is $45, and the cost of service $13. About 7 per cent. of the foals usually die before weaning time.

MOULTRIE—The area of corn is some larger than last season and from present prospects there will be nearly an average yield per acre. There was much complaint about the failure to obtain a stand where the corn was planted early in the spring owing to the lateness of the season. The standing wheat will not make much over one-third of an average yield per acre—nearly all the wheat was plowed up and there will not be more than enough wheat for seed and local consumption. Oats are up to an average in condition and rye will make nearly an average yield per acre. Meadows and pastures are nearly up to an average in condition and since the warm weather grass has made very satisfactory growth. The area of pastures is some larger than last season. Irish potatoes look well and sweet potatoes promise more than three-fourths of an average yield per acre. Area of Irish and sweet potatoes about same as last season. The per centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 87, condition 64; pears, bloom 85, condition 77; plums, bloom 100, condition 100; cherries 85, condition 69; grapes, 70; condition 60; strawberries, bloom 112, condition 107; raspberries, bloom 102, condition 98; blackberries, bloom 100, condition 100; gooseberries, bloom 81, condition 85; currants, bloom 100, condition 92. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per centage and are as follows: Pigs, number 87, condition 100; lambs, number 80, condition 98; calves, number 105; condition 100; colts, number 95, condition 92. The average price of colts at weaning time is $37, and the cost of service $11. About 7 per cent. of the foals usually die before weaning time.

OGLE—Corn is nearly up to an average in condition and the area is some larger than last season. There is considerable corn ground that will be planted in June. Broom corn looks well and the area is as large as in 1884. The area of sorghum cane is as large as last season. Spring wheat is nearly up to an average in condition. Winter wheat is generally plowed up and the few pieces of standing wheat will not make half an average yield per acre. Oats, rye and barley are nearly up to an average in condition—the area of barley is not as large as last season. The season has been cold and backward and grass has not made usual growth—the area of meadows and pastures is as large as in 1884. Irish potatoes look well and the area is as large as that of the previous year. The season has been dry and cold and crops are not as far advanced as usual on the first of June. The late showers and a few warm days have greatly improved the crop prospects. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 87 condition 93; plums, bloom 100, condition 100; cherries, bloom 93, condition 93; grapes, bloom 80 condition 90; strawberries, bloom 100, condition 95; raspberries, bloom 85, condition 87; blackberries, bloom 85, condition 92; gooseberries, bloom 70, condition 75; currants, bloom 75, condition 72. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows, Pigs, number 94 condition 100; lambs, number 94, condition 95; calves, number 98, condition 98; colts, number 99, condition 100. The average price of colts at weaning time is $58, and the cost of service $13. About 5 per cent. of the foals usually die before weaning time.

PEORIA—The cold and dry season has been very unfavorable for corn. The stand does not give encouragement for two-thirds of an average yield per acre. There is general complaint that less than half the seed corn failed to germinate. The corn area will be as large as in 1884. The condition of broom corn and sorghum cane indicate about three-fourths of an average yield per acre—the area of these crops is about the same as last season. Spring wheat will make over three-fourths of an average yield per acre. Winter wheat will not make two-thirds of an average yield per acre on the limited area that was not plowed up. Oats have made but little growth and from present prospects will not make but little over three-fourths of an average yield per acre. Rye will return something over two-thirds of an average yield per acre. There is quite a decrease in the area of meadows, especially clover meadows. The condition of meadows and pastures

is not up to the average for June 1. Sweet potatoes look well and Irish potatoes are nearly up to an average in condition. The area of Irish potatoes is not as large as in 1884. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 85, condition 79; pears, bloom 75, condition 75; plums, bloom 50, condition 50; cherries, bloom 84, condition 75; grapes, bloom 55, condition 50; strawberries, bloom 89, condition 79; raspberries, bloom 90, condition 85; blackberries, bloom 75, condition 77; gooseberries, bloom 87, condition 90; currants, bloom 80, condition 85. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 89, condition 91; lambs, number 84, condition 91; calves, number 93, condition 96; colts, number 90, condition 97. The average price of colts at weaning time is $41, and cost of service $13 Abont 7 per cent. of the foals usually die before weaning time.

PERRY—The area of corn is some larger than last season, and the condition gives encouragement for nearly an average yield per acre. The cut worms and army worm have done some damage in certain localities. The area of sorghum cane is as large as last season. The standing wheat will make less than half an average yield per acre. Oats are nearly up to an average in condition. There will not be two-thirds of an average yield per acre of rye. The area of meadows and pastures is some larger than last season—the area of clover meadows is much larger than last season. The season has been favorable for the growth of grass, which is much below the average for June 1. Irish and sweet potatoes are nearly up to an average in condition, and the area is some larger than last season. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 102, condition 83; peaches, bloom 10; condition 10; pears, bloom 87, condition 60; plums, bloom 100, condition 57; cherries, bloom 100, condition 74; grapes bloom 87, condition 87; strawberries, bloom 100, condition 90; raspberries, bloom 100, condition 100; blackberries, bloom 52, condition 50; gooseberries, bloom 94, condition 87; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 92, condition 80; lambs, number 93, condition 97; calves, number 107, condition 100; colts, number 103, condition 100. The average price of colts at weaning time is $39, and the cost of service, $10.

PIATT—The stand of corn is better than usual; the early planting made its appearance above ground May 10. The area planted is larger than last season. Sorghum cane is nearly up to an average in condition, and the area is about the same as last year. The limited area of winter wheat seeded in this county promises a three-fourths yield per acre. Oats and rye are fully up to an average in condition. Flax is in good condition, and the area is about that of last season. Meadows and pastures are in a good average condition with an increased area. Irish and sweet potatoes are doing well, and the area is about that of 1884. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 90, condition 75; plums, bloom 100, condition 100; cherries, bloom 85, condition 90; strawberries, bloom 100, condition 100; raspberries, bloom 90, condition 100; blackberries, bloom 90, condition 100; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 110, condition 100; lambs, number 100, condition 100; calves, number 100, condition 100; colts, number 90, condition 100. The average of colts at weaning time is $50, and the cost of service $15. About 7 per cent. of the foals usually die before weaning time.

PIKE—The area of corn planted this season is 29 per cent. larger than in 1884. The condition is not quite up to the average for June 1, owing to the inferior quality of the seed and the unfavorable weather. Sorghum cane is up to an average in both area and condition. Winter wheat is very poor, and the small area left standing will scarcely pay for harvest. Oats and rye are up to an average in condition. Meadows and pastures are in good condition and the area is almost as large as last year. The area of Irish and sweet potatoes is as large as usual, and the condition good. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 84, condition 87; pears, bloom 90, condition 50; plums, bloom 100, condition 83; cherries, bloom 85, condition 92; grapes, bloom 79, condition 83; strawberries, bloom 103, condition 100; raspberries, bloom 94, condition 94; blackberries, bloom 67, condition 70; gooseberries, bloom 100; condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 100, condition 100; lambs, number 91, condition 100; calves, number 97, condition 100; colts, number 101, condition 99. The average price of colts at weaning time is $41, and the cost of service $8. About 7 per cent. of the foals usually die before weaning time.

POPE—The area of corn is about the same as last season. There is some complaint of injury to corn from chinch bugs. The condition is up to the average for June 1. Sorghum cane is fully up to the average in condition and area. About the usual area of broom corn has been planted; condition good. Oats and rye have an increased area and are in good condition. The cotton area is one-fifth less than last season, and its condition is not up to an average. The area devoted to tobacco is 10 per cent. larger than last season, and promises an increased yield over the crop of 1884. Meadows and pastures were seldom better than at present. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 115, condition 106; peaches, bloom 100, condition 100; pears, bloom 75, condition 100; plums, bloom 100, condition 100; cherries, bloom 95, condition 75; grapes, bloom 100, condition 100; strawberries, bloom 110, condition 115; raspberries, bloom 75, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 75, condition 95; currants, bloom 75, condition 90. The number of births of farm animals this season as compared with last spring and the condi-

tion of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 75, condition 60; lambs, number 95, condition 100; calves, number 110, condition 100; colts, number 120, condition 115. The average price of colts at weaning time is $65 and the cost of service $10.

PULASKI—The area of corn planted is larger than that of last season, owing largely to the partial failure of wheat. The weather has been favorable, and corn is nearly a foot high and remarkably clean. Sorghum cane is in good condition, and about the usual area has been planted. The prospect for wheat is better than on May 1. Nearly a three-fourths yield per acre can be expected. Oats and rye are nearly up to an average in condition. The area planted to tobacco is is not as large as last season; condition, good. Meadows and pastures are in good condition with an increased area over that of last season. Irish and sweet potatoes are up to an average in area and condition. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples bloom 107, condition 97; peaches, bloom 87, condition 102; pears, bloom 106, condition 105; plums, bloom 104, condition 102; cherries, bloom 102, condition 104; grapes, bloom 106, condition 106; strawberries, bloom 102; condition 110; raspberries, bloom 82, condition 85; blackberries, bloom 97, condition 90; gooseberries bloom 85, condition 100; currants, bloom 100; condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage, are as follows: Pigs, number 105, condition 100; lambs, number 107, condition 100; calves, number 105, condition 102; colts, number 109, condition 100. The average price of colts at weaning time is $26, and the cost of service $8. About 5 per cent. of the foals usually die before weaning time.

PUTNAM—The area of corn planted is about the same as in 1884, and the condition is hardly up to an average. Many farmers who planted early have been compelled to replant, owing to the poor stand. Corn planted since May 10 doing well. There is a decrease in the area usually devoted to sorghum cane, and the condition is not up to an average. Spring wheat, oats and rye are all about an average in condition. Meadows and pastures, although backward, are doing well since the late rains. Irish and sweet potatoes are about the average in condition. The per-centage of bloom this spring and the condition of fruit June 1, as compared to an average, is as follows: Apples, bloom 100, condition 87; pears, bloom 60, condition 40; plums, bloom 110, condition 100; cherries, bloom 87, condition 65; grapes, bloom 87, condition 87; strawberries, bloom 100, condition 100; raspberries, bloom 100, condition 100; blackberries, bloom 95, condition 100; gooseberries, bloom 90, condition 85; currants, bloom 92, condition 95. The number of births of farm animals this season as compared with last spring and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 100, condition 100; lambs, number 90; condition 100; calves, number 95, condition 100; colts, number 105, condition 100. The average price of colts at weaning time is $60, and the cost of service $17. About one per cent. of the foals usually die before weaning time.

RANDOLPH—There is an increase of 12 per cent. in the area of corn planted over that of last season. The stand of corn is below the average, and much replanting has been done. It is thought that the germ of the seed corn was affected by the extreme cold during the winter. The prospect for winter wheat is not as encouraging as on May 1, and a greater yield per acre than a one-half crop is not expected. About the usual area of sorghum cane has been planted, and its condition is good. Oats are above the average in condition. Rye is looking fairly well. Meadows and pastures are in better condition than usual, especially clover meadows. There is a slight increase in the area of Irish potatoes, and a decrease in the area of sweet potatoes. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 108, condition 102; peaches, bloom 100, condition 100; pears, bloom 100. condition 88; plums, bloom 103, condition 97; cherries bloom 100, condition 88; grapes, bloom 97, condition 97; strawberries, bloom 97, condition 92; raspberries, bloom 50, condition 52; blackberries, bloom 58, condition 58; gooseberries, bloom 100, condition 100; currants, bloom 90, condition 85.

RICHLAND—The area of corn planted this spring is larger than last season. The month of May has not been favorable to the rapid growth of corn, and its condition does not come up to the average for June 1. Almost all the wheat has been plowed up in some sections of the county, and the prospect is not good for more than one-third of the usual yield per acre. The condition of oats and rye is not up to an average for June 1. Meadows and pastures are in fair condition only. There is an increase in the area of pasturage. The area of meadows is about the same as last season. Irish and sweet potatoes are not up to an acreage in area and condition. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 91; pears, bloom 95, condition 90; plums, bloom 95, condition 85; cherries, bloom 99, condition 85; grapes, bloom 97, condition 99; strawberries, bloom 92, condition 95; raspberries, bloom 90, condition 90; blackberries, bloom 57, condition 69; gooseberries, 100, condition 96; currants, bloom 102, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 95, condition 87; lambs, number 92, condition 95; calves, number 102, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $45, and the cost of service $9. About one per cent. of the foals usually die before weaning time.

ROCK ISLAND—There is very general complaint of the quality of seed corn and the poor stand of the corn planted this spring is largely attributable to the inferior seed. The area is a little larger than last season and considering the weather and the fact that farmers were at least ten days behind in their planting, the condition is good. Not more than half of an average yield per acre of winter wheat is expected. Spring wheat looks well and will make an average yield per acre. Oats, rye and barley are up to an average condition for June 1. Meadows and pastures are in fair condition with about the same acreage as last season. The same can be said of Irish and sweet potatoes. The

per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 92, condition 82; pears, bloom 50, condition 50; plums, bloom 100, condition 85; cherries, bloom 84, condition 53; grapes, bloom 45; condition 50; strawberries, bloom 100, condition 97; raspberries, bloom 92, condition 86; blackberries, bloom 47, condition 58; gooseberries, bloom 79, condition 80; currants, bloom 75, condition 84. The number of births of farm animals this season compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 69, condition 97; lambs, number 90, condition 100; calves, number 90, condition 100; colts, number 94, condition 100. The average price of colts at weaning time is $32, and the cost of service $12. About 7 per cent. of the foals usually die before weaning time.

SALINE—There has been a good deal of replanting of corn done this spring, many farmers have plowed up the first planting and then replanted. The stand is very uneven. The area is a little larger than last season. Winter wheat is proving to be nearly a failure. Not more than 40 per cent. of an average yield per acre is expected. Oats and rye are very backward. The drouth of the past month has greatly injured the growing crops. The same may be said of meadows and pastures. Irish and sweet potatoes are doing well with about the same area as last season. The per-centage of bloom this spring, and the condition of fruit June 1, with an average, is as follows: Apples, bloom 102, condition 88; peaches, bloom 60, condition 57; pears, bloom 85, condition 82; plums, bloom 100, condition 88; cherries, bloom 100, condition 95; grapes, bloom 90 condition 87; strawberries, bloom 100, condition 92; raspberries, bloom 85, condition 82; blackberries 80, condition 80; gooseberries, bloom 85, condition 95; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 100, condition 95; lambs, number 102, condition 102; calves, number 95, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $32, and the cost of service $7. About 7 per cent of the foals usually die before weaning time.

SANGAMON—The area of corn is increased 18 per cent. over that of last season, owing entirely to the failure of the winter wheat, and its condition is hardly as good as usual for June 1. Not more than 20 per cent. of an average yield per acre of wheat is expected. The farmer who gets his seed and bread in return for his labor is fortunate Oats look better than usual and give encouragement for more than an average yield per per acre. The condition of rye is not up to an average. There has not been enough rain during May to put meadows and pastures in an average condition for June 1. Irish and sweet potatoes are doing well and have about the same area as last season. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 93; pears, bloom 108, condition 108; plums, bloom 100, condition 100; cherries, bloom 100, condition 97; strawberries, bloom, 100, condition 100; raspberries, bloom 97; condition 100; blackberries, bloom 67; condition 97; gooseberries, bloom 97, condition 100; currants, bloom 93, condition 93. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 87, condition 100; lambs, number 92, condition 100; calves, number 102, condition 100; colts, number 102, condition 96. The average price of colts at weaning time is $67, and the cost of service $18. About 6 per cent. of the foals usually die before weaning time.

SCHUYLER—There is much complaint of bad seed corn, and more replanting has been done than usual. The stand is uneven. The area is 17 per cent. larger than last season. Broom corn is not in good condition. The area is about as large as usual. Sorghum cane is not up to the average in condition or acreage. Oats and rye are looking fairly well. Meadows, where not pastured, are in good condition. Blue grass and timothy pastures are doing well but the weather has been unfavorable for clover. The area of Irish potatoes is not up to the average; condition good. Sweet potatoes are above the average in area and condition for June 1. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom, 67; condition, 60; pears, bloom 85, condition 80; plums, bloom 100, condition 92; cherries, bloom 80, condition 80; grapes, bloom 82, condition 80; strawberries, bloom 95, condition 85; raspberries, bloom 80, condition 80; blackberries, bloom 60, condition 55; gooseberries, Bloom 75, condition 65; currants, bloom 55, condition 50. The number of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 85, condition 87; lambs, number 75, condition 90; calves, number 90, condition 90; colts, number 92, condition 80. The average price of colts at weaning time is $55, and the cost of service $15. About 7 per cent. of the foals usually die before weaning time.

SCOTT—Fully one-half the corn has been re-planted the second time, owing to the poor seed. The stand is not good and its condition does not come up the average for June 1. The area is 20 per cent. larger than last season. Winter wheat will not make more than one-third of an average crop. Oats and rye are in good condition, and give encouragement for an average yield per acre. Meadows and pastures are above the average in condition. Irish and sweet potatoes are not up to the average in condition or area. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 85; condition 92; pears, bloom 100, condition 100; plums, bloom 85, condition 85; cherries, bloom 102, condition 93; grapes, bloom, 78, condition 73; strawberries, bloom 102, condition 100; raspberries, bloom 93, condition 92; blackberries, bloom 102, condition 100; gooseberries, bloom 88, condition 83; currants, bloom 95, condition 93. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average, are given by per-centage, and are as follows: Pigs, number 92, condition 97; lambs, number 83, condition 93; calves, number 100, condition 100; colts, number 108; condition 100. The average price of colts at weaning time is $40, and the cost of service $12. About 5 per cent. of the foals usually die before weaning time.

SHELBY—The early planting of corn did not germinate well, more on account of the cold weather than bad seed. One-half of the corn has been planted the second time. The area is 17 per cent. larger than last season. Winter wheat is an entire failure. Broom corn and sorghum cane are in fair condition, with about the same area as last year. Oats and rye are not up to the average in condition for June 1. Meadows and pastures have not made good growth. Irish and sweet potatoes have about the same area as last season, and are in fair condition. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 95; pears, bloom 85, condition 77; plums, bloom 100, condition 88; cherries, bloom 90, condition 75; grapes, bloom 80, condition 75; strawberries, bloom 103, condition 103; raspberries, bloom 92, condition 85; blackberries, bloom 100, condition 100; gooseberries, bloom 95, condition 88; currants, bloom 80, condition 70. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 97, condition 94; lambs, number 100, condition 103; calves, number 93, condition 100; colts, number 88, condition 97. The average price of colts at weaning time is $35, and the cost of service $12. About 7 per cent of the foals usually die before weaning time.

STARK—Much of the corn is not up yet. Some replanting has been done. The weather has been cold and unfavorable for the growing crop during the greater portion of the month. Sorghum cane is in good condition and the area is as large as last year. This is the only county in the State with one exception that returns winter wheat at an average condition on June 1. Spring wheat, oats and rye are nearly up to an average in condition. The area of barley sown this spring is fully up to an average—condition good. There has not been enough rain to put meadows and pastures in first-class condition. Irish and sweet potatoes are doing well. The area is as large as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average is as follows: Apples, bloom 90, condition 92; pears, bloom 100, condition 100; plums, bloom 100, condition 100; cherries, bloom 100, condition 92; grapes, bloom 92, condition 83; strawberries, bloom 97, condition 97; raspberries, bloom 50, condition 87; blackberries, bloom 35, condition 75; gooseberries, bloom 80; condition 92; currants, bloom 80, condition 83. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 94, condition 94; lambs, number 93, condition 97; calves, number 100, condition 100; colts, number 95, condition 100. The average price of colts at weaning time is $47, and the cost of service $13. About 7 per cent. of the foals usually die before weaning time.

ST. CLAIR—Corn is late and generally uneven in coming up. The weather is now favorable and the prospect is encouraging for about an average yield per acre. The area has been increased fully 66 per cent. over that of last season. Nearly the average area of sorghum cane has been planted and its condition is only fair. The wheat prospect was never worse and will not pay the expense of harvesting. Oats, rye and barley are in good condition. Meadows and pastures are in good condition. The army worm has made its appearance but as yet has done no serious damage. Irish and sweet potatoes are not up to the average in condition. The area is about that of last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 92, condition 91; pears, bloom 94, condition 94; plums, bloom 97, condition 95; cherries, bloom 97, condition 100; grapes, bloom 95, condition 97; strawberries, bloom 95, condition 100; raspberries, bloom 80, condition 100; blackberries, bloom 100, condition 100; gooseberries, bloom 85, condition 90; currants, bloom 90, condition 95. The number of births of farm animals this season as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 112, condition 102; lambs, number 98, condition 100; calves, number 100, condition 100; colts, number 100, condition 100. The average price of colts at weaning time is $50, and the cost of service $11. About 8 per cent. of the foals usually die before weaning time.

STEPHENSON—There has been a large area of corn replanted, and much of it the second time, owing to the inferior seed. The area planted is a little larger than that of last season. Broom corn is looking well, with an acreage equal to that of 1884. There is not more than three-fourths of the usual area of sorghum cane planted, and its condition is about an average for June 1. Winter wheat does not give encouragement for more than half an average yield per acre. Oats and rye promise a full average yield per acre; both have made good growth. Meadows and pastures are doing well, and are up to the average for June 1. Irish and sweet potatoes are in good condition and the area planted is about the same as last season. The percentage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 87, condition 80; plums, bloom 100, condition 99; cherries, bloom 63, condition 31; grapes, bloom 100, condition 100; strawberries, bloom 87, condition 88; raspberries, bloom 82, condition 78; blackberries, bloom 75, condition 81; gooseberries, bloom 90, condition 90; currants, bloom 83, condition 87. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 93, condition 95; lambs, number 95, condition 95; calves, number 99, condition 100; colts, number 98, condition 98. The average price of colts at weaning time is $36 and the cost of service $11. About 7 per cent. of the foals usually die before weaning time.

TAZEWELL—The area of corn planted is 10 per cent. larger than last season. The early planted corn made its appearance above ground May 15. The condition is good and gives encouragement for nearly an average yield per acre. More sorghum cane has been planted than usual and its condition is good. From the wheat not plowed up a two-thirds yield per acre may be expected. Meadows and pastures are doing fairly well. The weather has not been favorable for grasses. Oats and rye are doing well. Irish and sweet potatoes have made an unusually good growth and

are up to the average in area and condition. The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 65, condition 75; plums, bloom 90, condition 90; cherries, bloom 90, condition 95; grapes, bloom 75, condition 75; strawberries, bloom 105, condition 100; raspberries, bloom 50, condition 50; blackberries, bloom 50, condition 50; gooseberries, bloom 75, condition 75; currants, bloom 75 condition 75. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 95, condition 95; lambs, number 90, condition 100; calves, number 100, condition 100; colts, number 107, condition, 100. The average price of colts at weaning time is $57, and the cost of service $15. About 7 per cent. of the foals usually die before weaning time.

UNION—There is 20 per cent. more corn planted this spring than in 1884, owing largely to the partial failure of wheat and it is in fine condition and gives encouragement for a full average yield per acre. Sorghum cane is a full average in condition and area. Of the growing or standing wheat not more than 60 per cent. of an average crop is expected. Meadows and pastures are doing well. There is a large increase in the area of both. About the usual area of Irish and sweet potatoes is planted and the condition is nearly up to an average for June 1. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 125, condition 80; peaches, bloom 75, condition 50; pears, bloom 100, condition 90; plums, bloom 125, condition 100; cherries, bloom 100, condition 85; grapes, bloom 100, condition 90; strawberries, bloom 125, condition 75; raspberries, bloom 100, condition 100; blackberries, bloom 110, condition 100; gooseberries, bloom 80, condition 65. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 100, condition 100; lambs, number 80, condition 100; calves, number 100, condition 100; colts, number, 90, condition 100

VERMILION—The condition of corn is about up to the average for June 1. The stand is good and there has been very little replanting. The area is increased about 8 per cent. above that of last season. The usual area of sorghum cane has been planted and its general condition is fully up to an average for June 1. Of the winter wheat left standing there will not be more than ½ a half yield per acre. Oats and rye are doing well. The area of flax is not as large as that of last season, condition good. Meadows and pastures have an increased area over that of last year. The condition is not up to the average for June 1. Irish and sweet potatoes are doing well. The area about the same as last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 67, condition 50; pears, bloom 50, condition 80; plums, bloom 100, condition 100; cherries, bloom 55, condition 26; grapes, bloom 55, condition 52; strawberries, bloom 102, condition 100; raspberries, bloom 100, condition 100; blackberries, bloom 75, condition 75; gooseberries, bloom 92, condition 70; currants, bloom 92, condition 87. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average, are given by per-centage and are as follows: Pigs, number 77, condition 97; lambs number 100, condition 100; calves, number 103, condition 100; colts, number 92, condition 97. The average price of colts at weaning time is $55 and the cost of service $13. About 2 per cent. of the foals usually die before weaning time.

WABASH—There is some complaint of the cut and army worms injuring corn. A great deal of replanting has been done. There has been too much rain during May for the rapid growth of corn. The area is 7 per cent. larger than last year. Sorghum cane does not come up to the average in area or condition. Winter wheat will not make a half crop even under favorable conditions from now until harvest. It is very uneven and weedy. Harvest will be two weeks later than usual. Oats and rye are in good condition. The same may be said of meadows and pastures. Irish and sweet potatoes are doing well and the area of both is a little larger than last season. The per-centage of bloom this spring, and the condition of fruit, June 1, as compared with an average, is as follows: Apples, bloom 110, condition 100; pears, bloom 101, condition 87; plums, bloom 109, condition 95; cherries, bloom 109, condition 79; grapes, bloom 109, condition 100; strawberries, bloom 100, condition 100; raspberries, bloom 106, condition 100; blackberries, bloom 61, condition 75; gooseberries, bloom 100, condition 100; currants, bloom 100, condition 100. The number of births of farm animals this season, as compared with last spring, and the condition of young stock, as compared with an average, are given by per-centage, and are as follows: Pigs, number 97, condition 92; lambs, number 75, condition 90; calves, number 90; condition 97; colts, number 93, condition 97. The average price of colts at weaning time is $52, and the cost of service $11 About 5 per cent. of the foals usually die before weaning time.

WARREN—Fully one-half of the corn has been re-planted. The seed was injured during the winter by the extreme cold. The ground is not in good condition. The area is a little larger than last season. Broom corn and sorghum cane are not up to the average in condition. Winter wheat left standing for harvest will make three-fourths of an average yield per acre. The area now plowed up is very limited. Spring wheat, rye and oats are all doing well. Meadows and pastures are about up to the average in condition and have a slightly increased area. Irish and sweet potatoes are doing well. Fruit trees are dying from the effects of the extreme winter. Peach trees all killed. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 85, condition 85; peaches, bloom 25, condition 50; pears, bloom 25, condition 60; plums, bloom 98, condition 93; cherries, bloom 92, condition 89; grapes, bloom 69, condition 71; strawberries, bloom 104, condition 98; raspberries, bloom 103, condition 101; blackberries, bloom 87, condition 83; gooseberries, bloom 94, condition 95; currants, bloom 97, condition 99. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 83, condition 87; lambs, number 79, condition 84; calves, number 98, condition 99; colts, number 105, condition 99. The

average price of colts at weaning time is $45 and the cost of service $16. About 5 per cent. of the foals usually die before weaning time.

WASHINGTON—The area of corn planted is 18 per cent. greater than last season. Much of the corn has been planted three times on account of the poor quality of the seed corn shipped into the county. The area and condition of broom corn and sorghum cane is above the average. Winter wheat will not make a one-third yield per acre under the most favorable conditions from now until harvest. Oats and rye are looking well. The area of tobacco is about the same as last year and its condition is good. Meadows and pastures are doing well. The warm rains during the past week have very materially advanced the growing crops. Irish and sweet potatoes are in good condition. The area is larger than last season. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 107, condition 103; peaches, bloom 22, condition 41; pears, bloom 100, condition 100; plums, bloom 107, condition 95; cherries, bloom 103, condition 97; grapes, bloom 100, condition 90; strawberries, bloom 105, condition 110; raspberries, bloom 100; condition 100; blackberries, bloom 75, condition 100; gooseberries, bloom 95, condition 103; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 90, condition 100; lambs, number 90, condition 100; calves, number 100, condition 100; colts, number 95, condition 100. The average price of colts at weaning time is $40, and the cost of service $13. About 8 per cent. of the foals usually die before weaning time.

WAYNE—The area of corn planted is a little larger than that of last season. There is some complaint of army, cut and wire worms. Much of the corn has been replanted the second time and is very uneven. Winter wheat will not yield more than one-third of an average crop. Much of the wheat left standing will not pay expenses of harvest. Oats, meadows and pastures are all short for for June 1. There has been no rain of consequence until during past week. Irish and sweet potatoes are nearly up to an average in condition for June 1. The area is larger than last season. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 102, condition 93; pears, bloom 82, condition 63; plums, bloom 100, condition 83; cherries, bloom 97, condition 60; grapes, bloom 69, condition 69; strawberries, bloom 100, condition 87; raspberries, bloom 75, condition 75; blackberries, bloom 50, condition 50; gooseberries, bloom 93, condition 93; currants, bloom 87, condition 87. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 85, condition 80; lambs, number 85, condition 85; calves, number 100, condition 100; colts, number 90, condition 90. The average price of colts at weaning time is $34 and the cost of service $6. About 5 per cent. of the foals usually die before weaning time.

WHITE—The early planted corn made a bad stand owing to the cold, dry weather. Much of the seed rotted in the ground. That planted during the last two weeks of May has made a very good stand. Sorghum cane looks well and has about the usual area. The prospect for winter wheat was never more discouraging than at present. Not more than a one-third yield per acre is expected. Oats are in fair condition. Meadows and pastures are very backward in growth and there is much complaint of army worm. There is a decrease in the area of Irish and sweet potatoes. The condition is about an average for June 1. The per-centage of bloom, this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 115, condition 95; peaches, bloom 15, condition 70; pears, bloom 115, condition 82; plums, bloom 105, condition 71; cherries, bloom 100, condition 67; grapes, bloom 95, condition 97; strawberries, bloom 100, condition 77; raspberries, bloom 57, condition 55; blackberries, bloom 40, condition 66; gooseberries, bloom 76, condition 74; currants, bloom 75, condition 50. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 84, condition 89; lambs, number 89, condition 97; calves, number 100, condition 99; colts, number 99, condition 97. The average price of colts at weaning time is $37 and the cost of service $9 About 3 per cent. of the foals usually die before weaning time.

WHITESIDE—There is a larger area of corn planted this spring than for years past—an increase of 35 per cent. as compared with last season. Corn is not as far advanced as usual for June 1. The area of sorghum cane is about the same as last season, its condition is not up to the average for June 1. The limited area of winter wheat sown in this county will not make more than three-fourths of an average yield per acre. Spring wheat, oats, rye and barley are all doing well. Clover was badly winter-killed; other grasses are up to the average in condition. Meadows and pastures have about the same area as last season. Irish and sweet potatoes are about the average in area and condition. The The per-centage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 82, condition 50; pears, bloom 100, condition 50; plums, bloom 100, condition 57; cherries, bloom 95, condition, 38; grapes, bloom 80, condition 47; strawberries, bloom 100, condition 100; raspberries, bloom 80, condition 65; gooseberries, bloom 90, condition 90; currants, bloom 100, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 82, condition 90; lambs, number 70, condition 90; calves, number 101, condition 100; colts, number 105; condition 95. The average price of colts at weaning time, is $45, and the cost of service, $9. About 3 per cent. of the foals usually die before weaning time.

WILL—There is not a good stand of corn, owing largely to the failure of the seed to germinate. Many farmers planted the second and third time. The area is about 14 per cent. larger than last season. Some complaint of cut worms. The limited area of winter wheat sown in this county will make nearly an average crop. Spring wheat, oats, rye, barley and flax are all in good condi-

tion. Meadows and pastures are not up to the average for June 1 The area of Irish potatoes is not as large as last season, and their condition is not good. The per-centage bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 79, condition 71; pears, bloom 52, condition 50; plums, bloom 90, condition 75; cherries, bloom 75, condition 56; grapes, bloom 77, condition 70; strawberries, bloom 102, condition 92; raspberries, bloom 75, condition 76; blackberries, bloom 87, condition 90; gooseberries, bloom 83, condition 82; currants, bloom 71, condition 66. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 92, condition 97; lambs, number 97; condition 97; calves, number 96, condition 95; colts, number 120, condition 95. The average price of colts at weaning time is $72, and the cost of service $25. About 5 per cent. of the foals usually die before weaning time.

WILLIAMSON—The area of corn is 10 per cent. larger than last season and the prospect is good for a full average yield per acre. The same may be said of sorghum cane. Winter wheat does not promise more than a one-third yield per acre on that left standing for harvest. Oats are not as far advanced as usual for June 1. The limited area of cotton planted looks well. More tobacco planted this season than usual—condition good Meadows and pastures are all above an average. A larger area of Irish and sweet potatoes has been planted this spring than last. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 112, condition 100; pears, bloom 100, condition 100; plums, bloom 100, condition 75; cherries, bloom 100, condition 70; grapes, bloom 100, condition 100; strawberries, bloom 105, condition 110; raspberries, bloom 105, condition 100; blackberries, bloom 75, condition 100; gooseberries, bloom 75, condition 100; currants, bloom 75, condition 100. The number of births of farm animals this season as compared with last spring and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 87, condition 87; lambs, number 95, condition 100; calves, number 100, condition 97; colts, number 95, condition 100. The average price of colts at weaning time is $47 and the cost of service $9. About 5 per cent. of the foals usually die before weaning time.

WINNEBAGO—Much of the corn was planted whilst the ground was cold, dry and lumpy and it did not germinate. The area is not quite as large as last season. Winter wheat was greatly injured by the severe weather in February and March, and does not give encouragement for more than 60 per cent. of an average yield per acre. Spring wheat, oats and rye are not up to the average for June 1. More barely sown than usual. Tobacco looks well. The area is about that of 1884. Meadows and pastures are doing well but are a little backward owing to the cold, dry weather during first half of May. Potatoes are doing well. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 91, condition 69; pears, bloom 40, condition 40; plums, bloom 110, condition 100; cherries, bloom 84, condition 71; grapes, bloom 90, condition 70; strawberries, bloom 102, condition 92; raspberries, bloom 103, condition 97; blackberries, bloom 62, condition 62; gooseberries, bloom 82, condition 62; currants, bloom 84, condition 67. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with average, are given by per-centage, and are as follows: Pigs, number 83, condition 98; lambs, number 86, condition 99; calves, number 95, condition 91; colts, number 95, condition 100. The average price of colts at weaning time is $39, and the cost of service $13. About 7 per cent. of the foals usually die before weaning time.

WOODFORD—Corn is very backward owing to the cold, dry weather. About three-fourths of the corn has been replanted the second time. The area is not as large as that of last year. At least one-half of the winter wheat was winter-killed and plowed up and the area planted to other crops. The wheat left standing will not make more than a half the average yield per acre. Spring wheat, oats, rye and barley are all below the average in condition for June 1. Meadows and pastures are backward, owing to the cold, dry weather. Irish and sweet potatoes are hardly up to the average in either area or condition. The per-centage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 77, condition 70; pears, bloom 100, condition 90; plums, bloom 85, condition 82; cherries, bloom 87, condition 73; grapes, bloom 60, condition 60; strawberries, bloom 100, condition 97; raspberries, bloom 80, condition 82; blackberries, bloom 62 condition 45; gooseberries, bloom 93, condition 92; currants, bloom 93, condition 92. The number of births of farm animals this season as compared with last spring, and the condition of young stock as compared with an average are given by per-centage and are as follows: Pigs, number 87, condition 109; lambs, number 90, condition 97; calves, number 98, condition 109; colts, number 102, condition 100. The average price of colts at weaning time is $60, and the cost of service $15. About 5 per cent. of the foals usually die before weaning time.

WEATHER REVIEW

Illinois Department of Agriculture,

MONTH OF MAY, 1885.

The summary of meteorological observations contained in this review has been compiled from the weather reports received from the Signal Service and voluntary observers reporting to the Illinois Department of Agriculture.

TEMPERATURE.

The mean temperature during the first half of May was much below the normal, and 12°.17 below the mean of the latter half of the month.

There was a marked decline in all portions of the State in the temperature, on the 7th, 8th, and 9th, and snow and ice is reported on these dates in several counties.

The mean temperature of May the past five years, has been as follows: 1881, 69°.08; 1882, 58°.06; 1883, 57°.91: 1884, 50°.40; 1885, 60°.75.

The mean temperature for the month was lower than the May mean at all the stations from which reports have been received for a term of years, except Aurora, Palestine and Swanwick.

The mean temperature of May at Marengo, was 2°.50 below the May mean, and below the mean of the month as noted at the following stations, viz.: Chicago, 3°.80 below; Sycamore, 3°.47; Polo, 1°.96; Rock Island, 3°.48; Peoria, 0°.14; Keokuk, 2°.61; Springfield, 1°.85; Griggsville, 1°.50: Mattoon, 2°.33; Pana, 0° 24; Collinsville, 4°.00; Centralia, 1°.64; St Louis, 1°.22; Fairfield, 2°.17; McLeansboro, 7°.39; Anna, 2°.66; Cairo, 2°.00. The highest daily mean reported in May, was 83°.00, at Marion, on the 24th, and the lowest, 34°.00, at Polo, on the 7th. The highest temperature during the month, at a majority of the stations, was reported on the 24th, and the lowest on the 7th. The highest temperature reported in May, was 92°.00 on the 24th, at Mascoutah, and the lowest 28°.00, on the 7th at Polo.

The highest temperature noted in May for a term of years, was as follows: 1881, 94°.00; 1882, 90°.00; 1883, 91°.00; 1884, 89°.00; 1885, 92°.00, and the lowest temperature for the same month, has been as follows: 1881, 30°.00; 1882, 27°.00; 1883, 29°.00; 1884, 24°.00; 1885, 28°.00.

Attention is invited to the tables published elsewhere, for further information concerning the temperature at the stations reporting.

PRECIPITATION.

The average rainfall for all the stations in the State for May, 1885, was 2.95 inches, or 1.51 inches below the average rainfall for the past eight Mays. The average monthly rainfall of the State for the month of May for a term of years has been as follows: 1878, 6.01 inches; 1879, 2.62; 1880, 5.21; 1881, 2.48; 1882, 6.48; 1883, 5.66; 1884, 4.27; 1885, 2.95.

The average precipitation the past month (May) was 2.19 inches in the northern division, 3.55 inches in the central division, and 3.19 inches in the southern division. There was no precipitation in any portion of the State, on the 13, 14, 15, 20, and 31, and only slight local showers on the 2, 4, 7, 8, 9, 10, 11, 16, 18, 19, 23, and 25. The rains were quite general in all portions of the State on the 1, 5, 6, 12, 17, 24, 28, 29, and 30. The greatest monthly precipitation for May, was 6.38 inches, at Mattoon, Coles county. The least monthly precipitation for May, was 1.61 inches, at Wilton Centre, Will county.

The precipitation for May, 1885, exceeds the May average for a term of years as noted at the following stations: Mattoon, 1.26 inches more than the May mean; Pana, 1.46 iches and Fairfield 0.35 inches.

The precipitation for May is less than the average for the month at the following stations: Marengo, 1.70 inches less than the May average; Chicago, 0.63; Aurora, 1.06; Sycamore, 2.49; Polo, 1.43; Rock Island, (Davenport) 2.34; Peoria, 2.10; Keokuk, 1.73; Springfield, 2.62; Griggsville, 2.86; Palestine, 0.60; Collinsville, 2.16; Mascoutah, 2.91; McLeansboro, 2.08; Anna, 2.46; Swanwick, 0.04; Cairo, 0.99.

The total precipitation during the past eight years for the months of January, February, March, April and May is given in the following table;

Month.	Year.							
	1878.	1879.	1880.	1881.	1882	1883.	1884.	1885.
January	1.46	1.61	3.86	1.19	2.41	1.87	1.21	2 81
February	2.31	1.64	2.71	4.68	4.80	6 55	4.03	1 29
March	2.69	2.26	2.78	3.89	4.47	1.63	2 81	0.51
April	4.15	2.02	3.79	2.49	3.75	4.17	2.81	4 11
May	6.01	2.62	5.21	2.48	6.48	5.66	4.27	2.95
Total	16.62	10.15	17.85	15.03	21.91	19.88	15.13	11.67

The total precipitation the past eight years in January, February, March, April and May has averaged 16.03 inches which exceeds the precipitation of the first five months of 1885 by 4.36 inches, or about 27 per cent. less than the usual rainfall in the years included in the above table.

An inch or more of daily rainfall is reported the past month as follows: May 5, Aurora, 1.52; May 6, Hugo 1.13, Pana 1.00; May 24, Pana 1.00, Greenville 1.00; May 26, Centralia 1.15; May 28, Springfield 1.18, Philo 1.50, Griggsville 1.08, Mattoon 3.71, Pana 3.08, Litchfield 1.95, Greenville 2.00; Carlyle 1.24; May 29, Chicago 1 23, Oneida 1.13, Philo 1.02, Marion 1.75.

Attention is invited to the table published in this report giving at each station reporting the distribution and amount of precipitation on the days it occured during the month of May 1885. It will be seen in the tables published elsewhere that more than one-half of the rainfall of May occurred during the last five days of the month

Thunder-storms reported during the month as follows: Bond county, Greenville, 24, 26, 27, 28, 30. Champaign county, Philo, 24, 29. Christian county, Pana, 5, 6, 23, 24, 28. Coles county, Mattoon, 13, 21, 22, 23, 24, 28, 29. Crawford county, Palestine, 24, 28, 29. DeKalb county, Sycamore, 4, 5, 12, 29. Douglas county, Hugo, 24, 28. Fayette county, Vandalia, 17, 21, 23, 24, 28, 29. Henderson county, Oquawka, 3, 4, 17, 29. Iroquois county, Watseka, 29. Kane county, Aurora, 4, 29. Knox county, Oneida, 1, 5, 17, 24, 29. Macoupin county, Bunker Hill, 5, 21, 24, 27. Marion county, Centralia, 21, 24, 28, 29, 30. McHenry county, Marengo, 9, 5. Montgomery county, Litchfield, 1, 24. Ogle county, Polo, 24, 29. Peoria county,

Peoria, 5, 29. Perry county, Swanwick, 21, 23, 28, 29. Piatt county, Atwood, 29. Pike county, Griggsville, 1, 5, 24, 28. St. Clair county, Mascoutah, 24, 26, 28. Union county, Anna, 18, 21, 24. Will county, Wilton Center, 4, 5, 12, 17, 29.

Hail-storms reported in May as follows: Clinton county, Irishtown, 17. Douglas county, Hugo, 28. Fayette county, Vandalia, 28. Knox county, Oneida, 29. Montgomery county, Litchfield, 1. Piatt county, Atwood, 5. Williamson county, Marion, 7, 18.

Snow fell in May, as follows: DeKalb county, Sycamore, 7, 9. Hamilton county, McLeansboro, 9. Knox county, Oneida, 9. Ogle county, Polo, 7.

Ice formed in May as follows: DeKalb county, Sycamore, ¼ thick on 7th. Knox county, Oneida, ¼ thick on 6th. Perry county, Swanwick, 8th. Piatt county, Atwood, 8th. Williamson county, Marion, 8th.

Frosts were reported in May as follows: Alexander county, Cairo, 8, 9, 10. Champaign county, Philo, 7, 8, 10. Christian county, Pana, 8, 9, 10. Coles county, Mattoon 8, 10. Cook county, Chicago, 9, 10, 11. Crawford county Palestine, 8, 10, 11. DeKalb county, Sycamore, 2, 3, 7, 8, 9, 10. Douglas county, Hugo, 7, 8, 9, 10. Fayette county, Vandalia, 8. Hamilton county McLeansboro, 8, 10, 11. Hancock county, (Keokuk), 24, 25. Henderson county, Oquawka, 6, 10. Kane county, Aurora, 1, 7, 8, 9, 10, 11. Knox county, 2, 4, 9, 10, 11. Marion county, Centralia, 8, 9, 10. McHenry county, Marengo, 2, 4, 7, 8, 9, 10, 11. Montgomery county, Litchfield, 4, 8, 9, 10, 11. Ogle county, Polo, 1, 2, 4, 8. Perry county, Swanwick, 8. Piatt county, Atwood, 3, 4, 5, 8, 9, 10. Pike county, Griggsville, 7, 8, 9. Rock Island county, (Davenport), 1, 6, 7, 8, 9, 10. Sangamon county, Springfield, 10. St. Clair county, Mascoutah, 8. Union county, Anna, 9. Wayne county, Fairfield, 8, 9, 10, 11. Will county, Wilton Center. 4, 8, 10, 11. Williamson county, Marion, 8.

Solar halos reported in May, as follows: Hancock county, (Keokuk), 11, 16, 20. McHenry county, Marengo, 11, 27, 28. Ogle county, Polo, 11, 21, 27. Pike county, Griggsville, 11, 16. Sangamon county, Springfield, 7, 11, 16. Union county, Anna, 8.

Lunar halos reported in May as follows: DeKalb county, Sycamore, 20. Hancock county, (Keokuk), 24, 25. Kane county, Aurora, 26. Knox county, Oneida, 27. McHenry county, Marengo, 20, 26. Ogle county, Polo, 11. Perry county, Swanwick, 25. Sangamon county, Springfield, 24, 25, 27. St. Clair county, Mascoutah, 15, 18, 25.

METEOROLOGY.

The science of meteorology is deservedly receiving more attention each succeeding year, especially at the hands of the more intelligent farmers who realize the great practical value of information of this character to all engaged in agricultural pursuits.

NEW OBSERVERS.

The department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, that are giving attention to the science of meteorology. The attention of all interested in having the meteorological history of each county in the State preserved in the Monthly Weather Review of the Department, is invited to the importance of this work and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

CHARLES F. MILLS,
Secretary.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF MAY, 1885.

ALEXANDER COUNTY—LEWIS W. CALL, Private, Signal Corps, U. S. A., Cairo. Highest barometer, 30.149 on the 8th and 15th; lowest, 29.533 on the 6th; mean, 29.928; range, 0.616. Highest temperature, 89°.30 on the 24th; lowest, 40°.20 on the 8th; range, 49°.10; greatest daily range, 22°.90; least daily range, 9°; mean daily range, 15°.80. The mean temperature of the month, 65°.60, was 2° lower than the mean temperture of the past 14 Mays. The mean daily dew-point was 53°.50, and the relative humidity, 67.70 per cent. The prevailing direction of the wind was n., and its total movement 5,157 miles. The greatest velocity of the wind during May was 26 miles per hour. Rain fell on 2 days, and the precipitation, 3.21 inches, was 0.99 of an inch less than the average of 14 Mays past. There were 6 clear, 20 fair and 5 cloudy days in May. Frost May 8, 9 and 10.

BOND COUNTY—JOHN B. WHITE, Observer, Greenville. Highest temperature, 89° on the 23d; lowest, 41° on the 9th and 10th; mean, 64°.10; range, 48°; greatest daily range, 28° on the 14th; least daily range, 4° on the 28th; mean daily range, 16°.42. Rain fell on 8 days, namely, May 1, 5, 18, 21, 24, 27, 28 and 30, and the precipitation was 5.19 inches. Thunder-storms on the 24th, 26th, 27th, 28th and 30th. The prevailing winds were w. and nw.

CARROLL COUNTY—HORACE N. GRIFFITH, Observer, Mt. Carroll. (Observations began May 15). Highest temperature, 85° on the 24th; lowest, 38° on the 20th; mean, 62°.44; range, 47°; greatest daily range, 28° on the 21st; least daily range, 5° on the 18th; mean daily range, 16°.59. From the 10th to the 15th of the month we had very pleasant and the soft maples, etc., leafed out. The first corn was planted at this time. Corn planting was about over by the 24th. On the 24th it was very warm in the forenoon, with a strong wind followed by rain, thunder and lightning about noon, and showers during the remainder of the day.

CHAMPAIGN COUNTY—HUBERT A. BURR, Observer, Philo. Highest barometer, 30.210 on the 15th; lowest, 29.620 on the 6th; mean, 29,859; range, 0.590. Highest thermometer, 86 on the 24th; lowest, 37° on the 7th; mean, 60°; range, 49°. Rain fell in quantities to measure May 6, 12, 24, 28 and 29, the precipitation being 3.57 inches. Thunder-storms on the 24th and 29th. Frosts on the 7th, 8th and 10th. The prevailing wind of the month was ne., and its greatest force 15 to 29 miles per hour. There were 6 clear, 15 fair and 10 cloudy days in May. Solar halos on the 11th and 19th.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest thermometer during May was 81° at 2 P. M. of the 31st; the lowest was 41° on the 7th; mean, 62°.42; highest daily mean, 72°.75 on the 22d; lowest daily mean, 44°.75 on the 7th; the range of the thermometer was 40°; the greatest daily range was 26° on the 20th, and the least daily range, 2° on the 8th; mean daily range, 12°.26. The prevailing winds were sw. and nw. Rain fell in appreciable quantities on but 5 days, viz: May 6, 24, 27, 28 and 30. The total precipitation of the month was 5.41 inches. During the storm of the 28th 3.08 inches of water fell—more than has fallen in any one rainstorm for two years. Thunder-storms on the 5th, 6th, 23d, 24th and 28th. Frost May 8, 9 and 10. There were 5 clear, 19 fair and 7 cloudy days during the month.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Rain fell May 1, 2, 6, 12, 17, 22, 23, 24, 26, 27, 28, 29 and 30, the precipitation amounting to 3.72 inches. The highest temperature of the month was 82°; lowest, 36°; mean, 63°.40; range, 46°. Thunderstorm from the nw. at 7 p. m. on the 24th. Hail fell on the 17th.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. Highest temperature, 84°; lowest, 35°; range, 49; the mean temperature of the month, 62°, is 2°.33 below the mean of the last 6 Mays. Rain fell May 3, 5, 6, 12, 17, 21, 23, 24, 25, 27, 28, 29 and 30, the precipitation being 6.38 inches. There was quite a flood on the 28th, 3.71 inches of rain falling. The average precipitation for 6 Mays past was 5.12 inches, or 1.26 inches less than the rainfall of this month. There were thunderstorms on the 13th, 21st, 22d, 23d, 24th, 28th, and 29th. Light frosts on the 8th and 10th, but no damage done.

COOK COUNTY—T. B. JENNINGS, Sergeant, Signal Corpse, U. S. A., Chicago. Highest barometer, 30.152 on the 15th; lowest, 29.510 on the 5th; mean, 29,899; range, 0.642. Highest temperature, 80°.40 on the 24th; lowest 33°.80 on the 7th; range, 46°.60; greatest daily range, 28°.90 on the 24th; least daily range, 3°.10 on the 19th; mean daily range, 14°.50. The mean temperature of

the month was 52°.80, which was 3°.80 below the May mean of the past 14 years. The mean daily dew-point was 42°.90 and the relative humidity 70.90 per cent. The prevailing direction of the wind during May was n. and its greatest velocity 30 miles per hour. The total movement of the wind during the month was 5,406 miles. There were 11 clear, 13 fair and 7 cloudy days in May. Rain fell on 11 days the total precipitation being 3.17 inches, or 0.63 of an inch less than the average rainfall of the last 14 Mays. Frost May 9, 10 and 11.

CRAWFORD COUNTY—J. E. TEMPLETON, Observer, Palestine. Highest temperature; 86° on the 17th; lowest 43° on the 8th; range, 43°, greatest daily range, 27° on the 20th; least daily range, 4° on the 7th; mean daily range, 12°.78; the mean temperature of the month, 61°.13, was but 0°.03 below the mean of the past three Mays, and the precipitation, 2 85 inches, was 0.60 of an inch less than the May precipitation of 3 years past. Rain fell on 9 days, viz: May 6, 12, 21, 22, 24, 27, 28, 29 and 30. Thunder-storms on the 24th, 28th and 29th. Light frosts on the 8th, 10th and 11th, but no injury done except to the most tender vegetables. There were 8 clear, 18 fair and 5 cloudy days in May. The prevailing wind of the month was nw., and its greatest force 6 to 14 miles per hour.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperatnre at regular observation, 83° on the 26th; lowest, 31° on the 7th; range, 52°; greatest daily range, 26° on the 14th; least daily range, 4° on the 20th; mean daily range, 15°.22. The mean temperatur · of the month, 54°.21, was 3°.47 below the May average of the past 5 years; May, 1883, alone was colder. The warmest of the month was the 26th, its mean temperature being 69°.85, and the coldest day was the 7th, its average temperature being only 36°.75. Rain to measure fell on 9 days, but the precipition amounted to only 1.65 inches, which is much less than the precipitation of any May since 1881, and is 2.49 inches less than the average of those 5 Mays. There were 9 clear, 13 fair and 9 cloudy days during the month. Thunder-storms on the 4th, 5th, 12th and 29th. Light snows on the 7th and 9th. At 1 p. m. on the 24th the thermometer reached 86° 80. This extreme heat was followed by a high wind at 2 P. M. At 5 A.M. on the 7th the thermometer fell to 29°, and ice formed a quarter of an inch thick. There were frosts May 2, 3, 7, 8, 9 and 10. The wind was n. 7 times, ne. 21, e. 9, se. 14, s. 6, sw. 13, w. 4, nw. 12, and calm 7 times. Its maximum velocity was 30 to 39 miles per hour on the 8th. Lunar halo on the 20th.

DOUGLAS COUNTY—A. C. WILLIAMS, Observer, Hugo. Rain fell in quantities to measure on 6 days, viz: May 6, 12, 17, 24, 28 and 29, the precipitation being 3 43 inches. Thunder-storms on the 24th and 28th. Much damage was done on the 24th to stock and buildings by lightning, and one person was killed. There was a severe hail-storm, with high wind, thunder and lightning, in the northern portion of the county on the 28th. The highest temperature was 84° on the 23d, and the lowest, 38° on the 7th and 10th; mean, 62° range, 46°; greatest daily range, 36° on the 20th; least daily range, 2° on the 28th; mean daily range, 16°.26. There were but 4 clear and 2 entirely cloudy days in the month, 25 fair days. The prevailing wind was sw., and its greatest velocity, 15 to 29 miles per hour. Winds followed by rain, se., s. and sw.; by clear or fair weather, n., nw. and w. Frosts on the 7th, 8th, 9th and 10th. Fruit trees are now beginning to show the damage done them during the winter. The forests are not fairly green the first of June.

FAYETTE COUNTY—JOSEPH URBANI, Observer, Vandalia. The month has been rather remarkable for its range of temperature. On the 8th the thermometer marked 42°, and there was white frost, while on the 24th it reached 91, a range of 49°. The greatest daily range was 25° on the 20th; least daily range, 1° on the 28th; mean daily range, 13°.90. The mean temperature of the month was 65°. Highest barometer, 30.120 on the 14th; lowest, 29.550 on the 5th; mean, 29.880; range, 0.570. Thunder-storms May 17, 21, 23, 24, 28 and 29; that of the 28th was accompanied by hail, and was followed by the heaviest rain known for many years. The prevailing wind of the month was n.

HAMILTON COUNTY—WM. P. GIBBS, Observer, McLeansboro. The highest temperature recorded was 90°; the lowest, 32°; range, 58°; the greatest daily range was 33°; the least daily range, 5°. The mean temperature of the month, 60°.20, is the lowest May mean in a term of four years, and is 7°.39 below the average of that period. Rain fell May 1, 6, 7, 12, 21, 22, 24, 26, 27, 28, 29 and 30; the total precipitation was but 5.51 inches, 2.08 inches less than the average rainfall of the past 4 Mays. Sleet and snow fell on the 7th. Three frosts occurred, on the 8th, 10th and 11th. On the 8th the temperatnre fell to 32° and ice formed. Small fruits and vegetables were somewhat set back by the cold. There were 6 clear; 11 fair and 13 cloudy days in May. The prevaling wind was nw., and its greatest velocity 15 to 29 miles per hour. Winds, followed by rain, se. and sw ; by clear or fair weather, nw.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Sergeant Signal Corps, U. S. A., Keokuk, Ia. The highest barometer during May was 30.168 on the 2d; the lowest, 29.556 on the 5th; mean, 29.907; range, 0.612. Highest thermometer, 83°.70 on the 24th; lowest, 32°.20 on the 7th; range, 51°.50; greatest daiiy range, 28°.10 on the 20th; least daily range, 5°.50 on the 28th; mean daily range, 19°.22. The mean temperatnre of the month, 60°.60, is 2°.61 lower than the average May temperature of 14 years past, and the precipitation, 2.59 inches, is 1.73 inches less than the average for the same time. Rain fell in appreciable quantities on 8 days, and in quantities too small to measure on 5 other days. The mean daily dew-point was 49°.60, and the relative humidity, 69 per cent. The prevailing direction of the wind was nw., and its total movement, 6,201 miles. The highest velocity of the wind was 28 miles per hour on the 28th. There were 10 clear, 17 fair and 4 cloudy days during May. Solar halos on the 11th, 16th and 20th, and lunar halos on the 24th and 25th. There were but two frosts in May, on the 7th and 10th.

HENDERSON COUNTY—JAMES PETERSON, Observer, Oquawka. Highest thermometer, 82° on the 21st; lowest, 35° on the 6th; mean, 60°.45; range, 47°; greatest daily range, 26° on the 13th; least daily range, 4° on the 18th; mean daily range, 14°.97. Rain fell may 1, 4, 17, 28 and 29, the precipitation amounting to 1.37 inches. There were 5 clear, 15 fair and 11 cloudy days in May. Thunder-

storms May 3, 4, 17 and 29. Frosts on the 6th and 10th. The prevailing wind of the month was sw.

IROQUOIS COUNTY—HENRY UPSALL, Observer, Watseka. Highest temperature in May, 88° on the 21st, 26th and 27th; lowest, 33° on the 3d, 7th and 9th; range, 55°; greatest daily range, 37° on the 14th; least daily range, 10° on the 30th; mean daily range, 24°.35. The mean temperature of the month was 60°. There was a thunder-storm on the 29th.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.020; lowest, 29.520; mean, 29.870; range, 0.500. Highest thermometer, 85° on the 24th; lowest, 31° on the 7th; range, 54°; greatest daily range, 33° on the 14th; least daily range, 4° on the 18th; mean daily range, 20°.90. The mean temperature of the month, 57°.43, is 6°.38 above the average of the last three Mays. Rain fell on 7 days, and the precipitation, 3.16 inches, was 1.06 inches less than the May average of the past three years. Thunder-storms on the 4th and 29th. There were 6 clear, 19 fair, and 6 cloudy days in May. The wind was n. 10 times, ne. 26, e. 10, se. 7, s 8, sw. 11, w. 14 and nw. 7 times. Frosts, May 1, 7, 8, 9, 10 and 11. A lunar halo was observed on the 26th.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. The highest thermometer during May was 86° on the 24th; the lowest, 38° on the 7th; mean; 60°.23; range, 48°; greatest daily range, 28° on the 20th; least daily range, 6° on the 17th; mean daily range, 16°.26. Rain fell on 8 days, the precipitation being 2.57 inches. There was a flurry of snow on the 9th. Thunder-storms May 1, 5, 17, 24 and 29. On the latter day there was a heavy shower and some hail fell, but not enough to do any damage. Frost on the 2d, 4th, 9th, 10th and 11th. On the night of the 6th ice formed ¼ of an inch thick, and the cherries were injured. There was a light fog on the morning of the 20th. On the 21st, 22d and 30th the atmosphere was quite smoky, so much so that for some time before sunset the sun was so much obscured that it could be looked at without dazzling the eyes. There was a lunar halo on the 27th. The wind was n. 1 time, ne. 10, e. 3, se. 2, s. 8, sw. 11, w. 22, nw. 12 and calm 24 times. There is much complaint of corn not growing well, and a large portion in this vicinity has been replanted, some of it twice. Grass and small grain are looking well.

MACOUPIN COUNTY—F. C. ZIMMERMAN, Observer, Bunker Hill. During May the thermometer ranged from 34° on the 8th to 92° on the 24th, a variation of 58°; the greatest daily range was 38° on the 13th; the least daily range, 12° on the 28th and 30th; the mean daily range was 26°.16; the mean temperature of the month was 62°.06. Rain fell on 11 days, viz: May 1, 5, 12, 17, 21, 22, 24, 26, 27, 28 and 30, the precipitation amounting to 1.89 inches. Thunder-storms on the 5th, 21st, 24th and 27th. The greatest force of the wind was from 15 to 29 miles per hour.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 89°.50 on the 24th; lowest, 35° on the 8th; range, 54°.50; greatest daily range, 28° on the 12th; least daily range, 2° on the 17th; mean daily range, 18°.85. The mean temperature of the month, 62°.20, is 4° below the average May temperature, and the rainfall, 2.44 inches, is 2.16 inches less than the average May precipitation. Rain fell on 8 days, viz: May 3, 5, 12, 17, 24, 26, 28 and 29.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. The precipitation of the month, 2.82 inches, nearly all occurred in the latter part of the month, 1.25 inches of rain falling on the 26th; 0.65 on the 29th, and 0.07 on the 30th. In five years there has been but one May (1881) when the precipitation was less than this month. The average precipitation of the past five Mays was 4.34 inches. Thunder-storms May 21, 24, 28, 29 and 30. Heavy thunder and lightning on the 21st, 26th, 29th and 30th. There were 10 clear, 11 fair and 10 cloudy days in May. The highest temperature, 94°, occurred on the 24th, and the lowest, 30°, on the 9th; the mean temperature, 63°.57, was 1°.64 below the mean of 5 Mays past. The range for the month was 64°; greatest daily range 34° on the 4th; least daily range, 7° on the 7th; mean daily range, 21°.93. Frosts occurred on the 8th, 9th and 10th, but vegetation was not injured. The month has been favorable for the growing crops, there having been no extremes of heat or cold, drouth or floods. The prevailing wind of the month was se., and its maximum force 15 to 29 miles per hour.

MCHENRY COUNTY—JOHN W. JAMES, Observer, Marengo. The mean temperature of May, 54°.40, was 2°.50 below the mean of 24 May's past; May, 1861, 1866, 1867, 1869, 1872, 1878, 1882 and 1883 were colder. The highest temperature of May, 1885, was 85°.20 on the 24th; the lowest, 28°.70 on the 7th; range, 56°.50; greatest daily range, 20°.80 on the 21st; least daily range, 4°.60 on the 29th; mean, daily range, 14°.28. Rain fell on 9 days, but the precipitation was only 1.72 inches, which is 1.70 inches less than the mean amount of the last 24 Mays; only May, 1865, 1870 and 1877 had less. There were 10 clear, 12 fair and 9 cloudy days during the month. The wind was n. 4 times, ne. 22, e. 14, se. 3, s. 8, sw. 14, w. 8, nw. 19 and calm 1 times. The greatest velocity of the wind was 40 to 59 miles per hour, on the 24th, but the gale lasted but a few minutes. The first thunder-storm of the season occurred on the 5th. Frost, May 2, 4, 7, 8, 9, 10 and 11. Solar halos, May 11, 27 and 28, and lunar halos on the 20th and 26th. On the 22d a large spot was observed on the sun, having a diameter of 2 minutes, or 54,700 miles; it was visible to the naked eye. The mean temperature of the spring of 1885 has been 3°.30 below the mean of 24 springs past; only the spring of 1877 was colder. The total precipitation of the season has been 2.72 inches less than the mean of the last 24 springs, and it has been the driest one of them all.

MONTGOMERY COUNTY—W. S. PALMER, Observer, Litchfield. Highest temperature, 88° on the 23; lowest, 32°.25 on the 10th; range, 55°.75; greatest daily range, 23° on the 21st; least daily range, 2° on the 6th; mean daily range, 12°.37. Rain fell on 6 days, viz: May 1, 6, 12, 24, 28 and 30, and the total rain-fall was 2.97 inches. Thunder-storms on the 1st and 24th; hail on the 1st; frost May 4, 8, 9, 10 and 11. The prevailing wind of the month was sw.

OGLE COUNTY—A. B. SWEENEY, Observer, Polo. Highest thermometer, 89° on the 24th; lowest, 28° on the 7th; range, 61°; greatest daily range, 33° on the 13th, 14th and

15th; least daily range, 3° on the 17th; mean daily range, 20°.29; the mean temperature of the month, 52°.90, 1°.96 below the average of the last 4 Mays; May, 1883, alone, was colder, its mean being 52°.45. Rain fell May 3, 4, 5, 6, 7, 8, 17, 18, 24 and 29, the precipitation amounting to 2.31 inches. This is the least rainfall of any May for 3 years past, and is 1.43 inches below the mean of that time. Thunder-storms on the 24th and 29th. A small amount of snow fell on the 7th. Frost on the 1st, 2d, 4th and 8th. The prevailing winds of the month were ne. and nw.; winds followed by rain, ne. and sw.; by clear or fair weather, nw. Lunar halo on the 11th, and solar halos on the 11th, 21st and 27th.

PEORIA COUNTY—FRED BRENDEL, Observer, Peoria. The highest barometer during May was 29.754 on the 15th; lowest 29 182 on the sixth; mean, 29,530; range, 0.572. Highest thermometer, 80° on the 24th; lowest, 37° on the 10th; range, 52°; the mean temperature, 63°.66, is but 0°.14 less than the mean of 30 Mays past. Rain fell May 3, 5, 12, 17, 24, 28, 29 and 30, the precipitation amounting to 1.70 inches, which is 2.10 inches less than the average May rainfall in a period of 30 years. Thunder-storms on the 5th and 29th. The prevailing wind of the month was s., and its maximum force, 30 to 39 miles per hour. The relative humidity of the month was 61 per cent.

PERRY COUNTY—J. C. ELLIOTT, Observer, Swanwick. Highest temperature, 86° on the 24th; lowest, 40° on the 7th; range, 46°; greatest daily range, 20° on the 24th; least daily range, 0° on the 30th. The mean temperature of the month, 63°.24, is very near the mean May temperature of the past two years, being but 0°.10 more than that, and the rainfall, 4.26 inches, is but 0.04 of an inch less than the average of 4 Mays past. Rain fell May 2, 6, 12, 21, 24, 26, 28, 29 and 30. Thunder-storms on the 21st, 23d, 28th and 29th. Heavy frost, with some ice, on the morning of the 8th. Potato-tops were killed on low ground. Lunar halo on the 25th. The prevailing wind of the month was nw., and its greatest force 15 to 29 miles an hour.

PIATT COUNTY—JOHN W. C. GRAY, Observer, Atwood. The thermometer varied from 41° on the 9th to 74° on the 21st, a range of 33°. The mean temperature of the month was 59°. Thunder-storm on the 29th, and distant thunder was heard May 5, 12, 13, 17, 21, 22, 23, 24 and 29. Frosts on the 3d, 4th, 5th; 8th, 9th and 10th. Ice formed on the 8th. Hail on the 5th.

PIKE COUNTY—A. MONROE, Observer, Griggsville. Highest barometer, 30.300 on the 2d; lowest, 29.690 on the 5th; range 0.610; mean, 30.030. Highest temperature, 85° on the 23d; lowest, 34 on the 7th; mean, 56°.50; highest daily mean, 72° on the 23d; lowest daily mean, 39° on the 7th; the range for the month was 51°; the greatest daily range was 25° on the 11th; the least daily range, 1° on the 17th; mean daily range, 15°.42. There were 3 clear, 25 fair and 3 entirely cloudy days in May. Rain fell on May 1, 5, 16, 17, 24, 27, 28 and 30, the precipitation being 2.94 inches Thunder-storms on the 1st, 5th, 24th and 28th Solar halos on the 11th 16th. Frost occurred on 3 days, May 7, 8 and 9. The prevailing wind of the month was sw., and its greatest velocity 15 to 29 miles per hour. The wind was n. 2 times, ne. 16, e. 6, se. 16, s. 11, sw. 20, w. 7 and nw. 15 times.

POPE COUNTY—J. E. Y. HANNA, Observer, Goleonda. Highest temperature 88° on the 24th; lowest, 42° on the 8th; mean, 65°.96; range, 46°; greatest daily range, 19° on the 16th; least daily range, 4° on the 26th; mean daily range, 12°.37. Rain fell May 6, 7, 12, 19, 27, 28 and 29, the total precipitation being 2.76 inches. Thunder-storm on the 21st. There were 3 clear, 21 fair and 6 cloudy days in May. The prevailing winds were w., e. and nw., and the greatest force of the wind 15 to 29 miles per hour. Winds followed by rain, e., sw. and s.; by clear or fair weather, w., nw. and n. Hail fell on the 7th. Frost on the 8th, injuring tender vegetation. Locusts appeared on the 31st.

ROCK ISLAND COUNTY—D. W. FLAGLER, Observer, Rock Island. The highest temperature during May was 89° on the 23d; lowest, 29° on the 6th; mean, 59°.61; range, 60°; greatest daily range, 29° on the 13th and 20th; least daily range. 5° on the 29th; mean daily range, 18°.68. Rain fell on May 1, 3, 5, 17 and 28, the precipitation amounting to 2.92 inches.

ROCK ISLAND COUNTY—R. R. MARTIN, Sergeant, Signal Corps, U. S. A., Davenport, Ia. Highest barometer, 30.197 on the 2d: lowest, 19.534 on the 5th; range, 0.663; mean, 29.910. Highest thermometer, 84°.70 on the 24th; lowest, 29°.30 on the 7th; range, 55°.40; greatest daily range, 31° on the 13th; least daily range, 7°.70 on the 17th; mean daily range, 19° 80. The mean temperature of the month, 57°.80, is 3°.48 below the mean of 13 Mays past. The month has been unusually dry. In a period of 14 years there has been but one May (1881) when the precipitation was less. Rain fell in appreciable quantities on 6 days, and slight showers occurred on 8 other days. The total precipation was but 1.94 inches. The mean daily dew-point of the month was 44°.70, and the relative humidity 65.40 per cent. The prevailing direction of the wind was nw., and its total movement 6,116 miles. The maximum velocity of the wind during May was 34 miles per hour, from the w., on the 8th. There were 6 clear, 17 fair and 8 cloudy days in May. Solar halos on the 11th and 21st. Frost occurred May 1, 6, 7, 8, 9 and 10.

SANGAMON COUNTY—JNO. CRAIG, Sergeant, Signal Corps, U. S. A., Springfield, Highest barometer, 30.152 on the 2d; lowest, 29.547 on the 5th and 6th; mean, 29.897; range, 0.605. Highest temperature, 82°.40 on the 24th; lowest, 38° on the 7th; range, 44°.40; greatest daily range, 29°29 on the 20th; least daily range, 5°.60 on the 28th; mean daily range, 17°.90. The mean temperature of the month, 61°.50, is 1°:85 lower than the mean temperature of 6 Mays past, and the precipitation, 2.78 inches, is 2 62 inches less than the average rainfall for the same period. It has been the driest May during that time. The mean daily dew-point of the month was 47°.80, and its relative humidity 62.90 per cent. The prevailing direction of the wind was nw., and its total movement, 6,3.5 miles. The greatest velocity of the wind was 29 miles per hour, from the west, on the 8th. There were 5 clear, 18 fair and 7 cloudy days during the month. Rain fell on ten days. Solar halos May 7, 11 and 16, and lunar halos on the 24th, 25th and 27th. Frost on the 10th.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest temperature, 92° on the 24th; lowest, 38° on the 7th; range, 54°; greatest daily range, 34° on the 21st;

least daily range, 4° on the 26th and 29th; mean daily range, 21°.71. Rain fell May 5, 10, 21, 24, 26, 28, 29 and 30, but the precipitation, 2.39 inches, was less than half the average precipitation of May for 4 years past. Thunder-storms May 24, 26 and 28.

ST. CLAIR COUNTY—G. A. WEBER, Corporal, Signal Corps, U. S. A., St. Louis, Mo. Highest barometer, 30.156 on the 2d; lowest, 29.548 on the 6th; mean, 29.918; range, 0.608. Highest thermometer, 91° on the 24th; lowest, 40°.50 on the 7th; range, 50°.50; greatest daily range, 27°.50 on the 20th; least daily range, 6°.40 on the 6th; mean daily range, 15°.90. The mean temperature of the month, 64°.90, was 1°.22 below the May mean of 15 years past, and is exactly the same mean temperature as May, 1875. The mean daily dew-point was 52°.60, and the mean relative humidity, 66.60 per cent. Rain fell on 11 days, and the precipitation, 2.80 inches, was 0.91 of an inch less than the average precipitation of the last 15 Mays. There were 7 clear, 17 fair and 7 cloudy days in May. The prevailing wind of the month was nw., and its total movements 7,628 miles; the greatest velocity of the wind was 34 miles per hour, from the nw. Frost occurred on the 8th, and lunar halos on the 5th, 18th and 25th.

UNION COUNTY—JOHN D. NEWBEGIN, Observer, Anna. The mean temperature of the month, 64°.24, is 2°.66 below the May average of the past 10 years. The highest temperature was 88°, lowest, 32°; range, 56°. Highest barometer, 30.240; lowest, 29.640; mean, 19.970; range; 0.600. Rain fell on 9 days, viz; May 6, 7, 12, 18, 21, 23, 27 and 28, but the total precipitation was only 2 24 inches, or 2.46 inches less than the average of the last 10 Mays. Thunder-storms May 18, 21 and 24. There was a heavy white frost on the 9th, which injured the strawberries, beans, tomatoes, etc., on low ground. Solar halo on the 8th. Fire-flies were first seen on the 9th. "Seventeen-year" locusts appeared in great numbers the latter part of the month.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. The highest temperature in May was on the 24th, when the thermometer marked 90°; the lowest, was 34° on the 8th; range, 56°; greatest daily range, 31° on the 11th; least daily range, 1° on the 6th; mean daily range, 18°.55. The month has been cooler than May, 1883 or 1884, and its mean temperature, 60°.52, was 2°.17 lower than the mean of the past three Mays. The prevailing wind of the month was sw. There were 9 clear, 11 fair and 11 cloudy days in May. Though rain fell on but 4 days, viz: May 6, 12, 27 and 28, the precipitation, 3.36 inches, was 0.35 of an inch more than the average May rainfall of three years past. Light frosts occurred May 8, 9, 10 and 11, but no damage was done.

WILL COUNTY—H. N. RENFREW, Observer, Wilton Center. Highest barometer, 30.130; lowest, 29.510; mean, 29.880; range, 0.220. Highest temperature, 92° on the 24th and 26th; lowest, 29° on the 2d; mean, 56°. The range for the month was 63°; greatest daily range, 42° on the 13th and 26th; least daily range, 14° on the 29th; mean daily range, 28°.52. The month has been unusually dry, and crops are suffering on account of drouth. Rain fell on 7 days, viz: May 5, 12, 17, 24, 25, 29 and 30, but the precipitation was only 1.61 inches. Thunder-storms May 4, 5, 12, 17 and 29. There were 9 clear, 19 fair and 3 cloudy days in in May. Frost occurred on the 4th, 8th, 10th and 11th. The prevailing wind of the month was ne. to n., and its maximum velocity 30 to 39 miles per per hour.

WILLIAMSON COUNTY—W. S. WASHBURN, Observer, Marion. The mean temperature of May was 67°.01; the highest temperature was 90° on the 24th; lowest, 42°; range, 48°; greatest daily range, 21° on the 1st; least daily range, 4° on the 28th; mean daily range, 11°.16. Rain fell May 7, 19, 22, 28 and 29, the precipitation amounting to 3.73 inches. Light hail fell during the rain of the 7th, and the largest hail seen here for years fell on the 18th. Heavy frost and some thin ice on the morning of the 8th. There were 7 clear, 22 fair and 2 entirely cloudy days during the month.

FURTHER NOTES ON THE ROOT WEB-WORM.

(*Crambus zeelus.*)



FIG. 1.

Root web-worm. (*Crambus zeelus Fernald.*

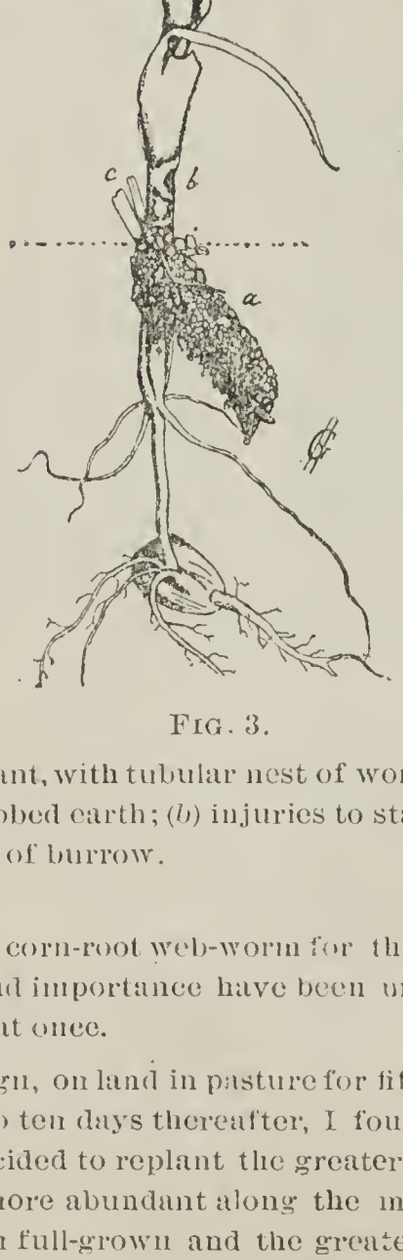


FIG. 3.

Injured corn-plant, with tubular nest of worm; (*a*) next after removal of some losely webbed earth; (*b*) injuries to stalk; (*c*) several tips of leaf drawn into mouth of burrow.

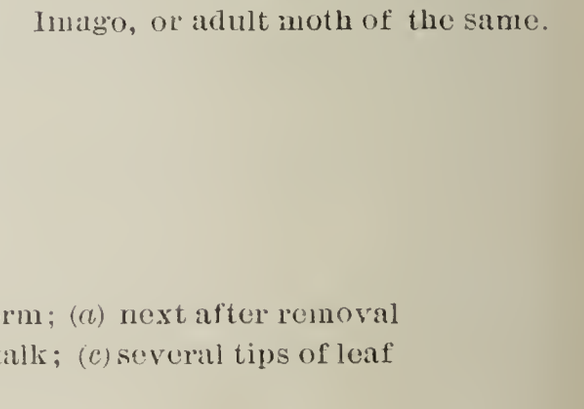


FIG. 2.

Imago, or adult moth of the same.

Since my article on the corn-root web-worm for the last Crop Report, additional observations of especial interest and importance have been made, the substance of which it is desirable that we should report at once.

In a field near Champaign, on land in pasture for fifteen years, plowed up about May 5 and planted to corn from five to ten days thereafter, I found the corn so badly injured by this insect that the owner had decided to replant the greater part of it. The injury was distributed throughout the field, not more abundant along the margins than in the interior, and as the larvæ were several of them full-grown and the greater part of them nearly so, it is certain that the eggs were laid in the sod before it was broken up. The root web-worm, consequently, breeds in grass.

The average size of the larvæ in this field also leads me to doubt whether it is possible that they can have resulted from eggs laid this spring, especially as diligent collecting from the first opening of the season has not yielded us a single moth of the species from which these worms descend.

The central part of the nest of the worm is commonly occupied by a silken tube, which extends more or less vertically downward into the earth, often opening at the surface, close beside a stalk of corn, by a round orifice about the size of a wheat straw. This tube is commonly an inch and a half or two inches in length, and within it the worm may be found concealed.

The injury to the corn is extremely characteristic, and cannot be mistaken when once understood. (See Fig. 1.) The web-worm evidently leaves its burrow to feed upon the leaves, at first the lower one and then those nearer the tip of the stalk, commonly eating off the ends of the leaves or gnawing irregular holes near the middle of the larger ones. The lower leaf of the infected plant is ordinarily eaten wholly away. Occasionally I have found a leaf cut off and drawn partly into the burrow of the worm; and sometimes the kernel of corn was eaten in the ground.

It is easy to dislodge these larvæ without injury to the corn, since their presence may be detected by the peculiar appearance of the plant, and the worms themselves are secreted within an inch or less of the surface, close about the stalk attacked. By passing the finger around such stalks, the larvæ may be readily unearthed. Where badly infested fields are not too large, and the help of a boy or two is available, I do not doubt that it will pay to capture the worms in this manner.

If the corn is to be replanted, advantage should be taken of the fact that all the larvæ are collected in the old hills of corn remaining from the first planting. If the usual practice is followed of plowing up the old corn as soon as the new is planted, these larvæ will of course immediately resort to the sprouting grain and continue their mischief there; whereas if the old corn be left as late as consistent with the proper cultivation of the crop, the new planting will probably secure a sufficient start to escape serious injury. The web-worm matures from the middle of June to the first of July, and then ceases its mischief, so that a little delay in plowing up the old corn may save the new.*

I am now experimenting with insecticides and with apparatus devised for their easy and rapid application on a large scale to the hills of corn; but as yet, have no results to report. The most promising substances for experiment are probably Paris green, the kerosene emulsion, and pyrethrum, any one of which is likely to destroy the larvæ if applied to infested hills.

S. A. FORBES,
State Entomologist.

CHAMPAIGN, ILL., May 30, 1885.

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*These suggestions receive additional importance from the fact that they apply equally well to the attacks of the wire worms. These insects likewise are found only in hills of corn in infested fields, and if destroyed here are simply exterminated once for all.

PEAR AND APPLE TREE BLIGHT.

By T. J. BURRILL, Ph. D., *Professor of Botany and Horticulture*,
Illinois University.

This disease shows itself to common observers most conspicuously during the latter half of June, and the early part of July. Though similar appearances are presented at other times during the summer, and though in occasional instances it seems worse at some other than the time mentioned, the fact is usually as stated. We shall undoubtedly hear a good deal of pear blight this season. Trees suffered severely from the vicissitudes of the last winter, and blight or no blight, many of them have perished, or will perish on this account. To many everything that happens to a pear or apple tree is blight. The name thus does service for numerous injuries and diseases. But the other day an entomologist of good standing in the Eastern States, thinks he discovered the cause of pear blight in an insect that bores into the twigs! Now no one doubts but that tree twigs may be killed by such a depredator, but that the thing which horticulturists call fire-blight is so produced, is like attributing potato rot to the evil influences of the moon, or rheumatism to witchery.

What we need first is to clearly distinguish this so-called fire-blight or *anthrax*, as it has been called, from other diseases. When one has familiarized himself with its appearance, its special characteristics, the diagnosis is easily made, but it is not so easy to describe in words, the peculiarities of the disease. Still it ought not to be difficult to so portray the difference in the appearance of apple and pear trees which have been injured solely by freezing, and those affected with what we specially call blight. Let us try.

1st. Winter injuries usually show the effects upon the whole tree, or throughout large parts of the top. Blight is much more likely to appear here and there leaving the other parts typically healthy.

2nd. The trees severely hurt by frost, often put forth leaves in the spring so that a very superficial observer might pass them for a time as healthy, but if he looks closer he will easily enough see that the foliage is very light upon the tree, and then by further looking, he will find this latter comes both from there being too few leaves, and from many of those produced are not full size. Very commonly these half-grown leaves so wither away, and the others assume a yellowish tint. When, however, the injury is confined to the trunk the leaves come out full and may be for some time to all appearances quite healthy, then perhaps not until July turn yellow and sickly. On examination the bark of the trunk will be found separated from the wood in areas of greater or less extent; the twigs are shrunken and hard.

On the other hand the leaves of blighting trees are full size, and until finally affected are green and luxuriant. Then they more or less suddenly turn brownish black, at first watery, then dry and hard. Upon close examination of the leaf, surfaces a peculiar shiny coating, like varnish, may be often found, and this is a most excellent mark. On blighted

trees the leaves never become a pale, sickly yellow; at least this is not the case when the disease does not date back to the previous season. The bark never separates readily from the wood, the twigs do not seem dry and shrunken so long as the leaves on them retain any appearance of life,

3rd. In appearances, so far as the leaves are concerned, the frost injuries are indicated by slow and gradual changes; the blight-killed leaves rapidly pass from what seems perfect health to death.

It must be understood that this sudden change in the leaves does not necessarily indicate a very rapid march of the disease through the tissues of the tree, only that when the leaves are themselves directly invaded by the destroying agents, each leaf quickly dies. There are other characteristic differences in these tree maladies, but the foregoing are probably sufficient.

Now, in the case of blight, what is to be done? Surely there is no time to spend over hypothetical remedies, such as burying old horseshoes in the ground, root pruning, external application of sulphur and lime, etc. Surgery, not medicine, must be appealed to. As early as possible, remove the affected parts. Examine carefully the bark, and cut below any indications in this, of the disease. Sometimes one can only tell how far down the disease has gone by shaving off the outer bark. If, in this way the living, or what ought to be the living bark, shows brownish patches or streaks, cut lower until healthy tissue is reached, and sever the whole part. See that the knife, saw, or other tool, carries nothing from the diseased part to the cut finally made. It is best to carry an extra set of tools, which are to be used only in the healthy wood and bark. It is easy to induce the disease in healthy trees by inoculation from diseased parts, and this must be kept in mind when pruning off the blighted parts. Cover the fresh wounds with common lead and oil paint.

AREA AND CONDITION OF CORN.

COUNTIES.	Area, 1882	Area, 1883	Area, 1884	Area 1885, compared with 1884.	Condition June 1, 1885	Condition June 1, 1884	Condition June 1, 1883	Condition June 1, 1882	Condition June 1, 1881	Quality of seed compared to an average	First appearance above ground.
NORTHERN DIVISION.											
Boone	34,090	35,405	32,076	99	81	95	75	81	77	86	May 15..
Bureau	169,168	165,203	151,991	90	92	94	70	81	73	77	May 20..
Carroll	65,768	68,658	60,950	100	92	97	65	73	80	92	May 10..
Cook	57,277	48,937	46,109	99	89	95	73	75	92	96	May 22..
DeKalb	117,684	111,901	104,484	99	95	100	83	73	81	90	May 10..
DuPage	34,388	31,199	30,630	100	....	87	85	78	86	102	May 22..
Grundy	90,255	87,536	78,792	99	87	103	74	76	115	70	May 15..
Henderson	72,369	64,691	64,691	90	60	100	70	69	88	47	May 15..
Henry	182,526	172,366	157,404	97	86	96	67	65	78	85	May 15..
Iroquois	212,368	216,783	209,528	100	84	113	91	85	102	67	May 12..
JoDaviess	49,181	57,385	51,404	101	90	98	76	85	88	84	May 15 .
Kane	58,089	54,713	52,591	92	87	98	76	85	77	92	May 10..
Kankakee	109,438	100,637	79,364	102	90	100	85	86	111	72	May 20..
Kendall	68,338	92,109	58,065	100	80	99	61	79	70	74	May 15..
Knox	134,595	127,172	119,926	101	86	103	53	60	100	83	May 16..
Lake	26,744	27,634	23,584	100	85	96	92	94	87	103	May 20..
LaSalle	254,340	219,972	192,978	99	67	92	50	77	72	64	May 15..
Lee	142,146	140,146	140,146	100	95	101	83	81	95	95	May 16..
Livingston	246,651	248,680	233,762	105	76	99	66	63	106	67	May 20..
Marshall	57,907	80,000	80,000	102	65	103	77	85	95	55	May 10..
McHenry	59,944	56,576	56,546	99	95	99	87	92	94	94	May 17..
Mercer	97,497	91,523	80,749	102	70	98	71	77	88	56	May 15..
Ogle	122,639	118,455	116,858	102	95	97	87	82	90	99	May 20..
Peoria	92,258	86,288	87,007	100	65	96	68	77	74	44	May 15..
Putnam	26,538	25,557	27,694	100	90	96	83	91	85	92	May 18..
Rock Island	58,887	55,817	55,625	101	79	102	76	89	73	80	May 15..
Stark	61,846	61,358	59,345	100	80	101	82	77	86	75	May 20..
Stephenson	81,438	82,711	78,569	105	91	96	86	80	91	80	May 8..
Warren	114,558	110,146	97,398	101	82	106	84	83	95	61	May 10..
Whiteside	113,675	103,354	88,796	135	82	75	70	75	70	78	May 25..
Will	120,203	120,387	115,372	114	112	88	88	78	90	88	May 15..
Winnebago	76,187	75,416	71,857	97	92	97	70	62	100	99	May 20..
Woodford	111,580	106,576	100,398	97	82	115	68	76	103	70	May 12..
Total or average	3,320,652	3,315,291	3,004,889	101	84	98	75	78	88	80	
CENTRAL DIVISION.											
Adams	87,371	86,108	80,663	114	81	97	78	66	100	60	May 10..
Brown	33,156	30,862	29,490	109	75	78	68	75	100	84	May 20..
Calhoun	14,576	16,239	15,619	119	84	76	80	79	99	89	April 20.
Cass	49,837	42,098	41,292	107	85	81	74	47	92	53	May 10..
Champaign	201,183	212,665	197,343	110	100	98	86	62	91	75	May 10..
Christian	125,891	120,995	122,114	122	90	86	73	47	98	83	May 10..
Clark	38,544	39,406	41,600	117	85	83	91	80	77	86	May 10..
Coles	65,700	57,001	54,222	111	84	91	81	67	85	85	May 15..
Cumberland	32,332	28,881	28,339	103	88	87	83	82	82	91	May 10..
DeWitt	80,236	85,188	79,813	105	73	109	93	72	98	63	May 15..
Douglas	79,935	63,337	53,262	107	90	75	82	48	82	90	May 4..
Edgar	77,118	19,312	90,643	127	87	87	92	70	84	95	May 20..
Ford	110,103	111,893	108,411	102	75	109	82	63	101	69	May 15..
Fulton	104,246	100,162	101,351	105	79	93	77	42	97	67	May 15..
Greene	52,964	58,374	51,078	117	79	82	90	86	111	73	May 13..
Hancock	109,383	98,922	99,713	113	90	100	67	51	98	75	May 10..
Jersey	33,594	34,423	34,423	125	85	68	80	76	102	77	May 15..
Logan	155,426	158,867	162,177	107	92	99	89	81	85	68	May 12..
Macon	103,341	132,241	124,176	107	87	83	77	72	91	70	May 18..
Macoupin	111,868	86,637	91,016	124	97	72	88	49	95	88	May 15..

AREA AND CONDITION OF CORN—Continued.

COUNTIES.	Area, 1882	Area, 1883	Area, 1884	Area 1884, compared with 1883.	Condition June 1, 1885	Condition June 1, 1884	Condition June 1, 1883	Condition June 1, 1882	Condition June 1, 1881	Quality of seed compared to an average	First appearance above ground
Mason	43,675	43,675	43,675	110	90	95	53	75	96	65	May 15..
McDonough	52,415	76,882	76,882	102	80	100	68	45	93	60	May 10 .
McLean	256,868	243,107	237,429	101	76	93	83	65	99	61	May 10..
Menard	70,146	31,040	71,150	108	87	94	75	60	97	83	May 10..
Montgomery	108,105	105,891	103,213	124	95	78	80	79	103	99	May 8...
Morgan	115,459	128,159	128,159	116	99	82	76	66	100	79	May 10..
Moultrie	54,998	61,309	45,477	102	85	92	72	70	98	72	April 26.
Piatt	76,049	84,703	60,706	105	95	97	88	78	102	75	May 10..
Pike	57,496	66,084	61,794	129	87	92	74	78	92	91	May 15..
Sangamon	157,631	166,439	145,120	118	87	90	85	67	100	68	May 10..
Schuyler	46,232	32,845	39,686	117	70	91	80	32	108	67	May 20..
Scott	34,415	19,157	12,855	120	92	89	61	70	100	95	May 1...
Shelby	89,353	86,842	86,308	117	83	93	88	61	102	93	April 25.
Tazewell	121,116	116,077	104,911	110	80	102	64	74	98	75	May 1...
Vermilion	117,329	132,397	134,683	108	97	109	120	72	93	75	May 10..
Total or average	3,068,842	3,038,409	2,960,093	112	86	90	80	66	95	77	
SOUTHERN DIVISION.											
Alexander	8,323	7,137	6,416	120	115	85	84	92	61	125	April 15.
Bond	40,286	38,520	45,241	122	86	86	73	88	82	80	April 20.
Clay	27,212	30,592	32,755	112	93	85	90	89	95	81	May 10..
Clinton	45,222	54,086	51,206	100	71	65	75	87	73	70	May 1...
Crawford	32,217	36,360	34,287	113	96	76	91	84	76	101	May 6...
Edwards	18,479	17,241	18,152	110	100	82	80	100	88	100	.....
Effingham	41,331	37,589	42,385	107	94	88	88	89	90	89	May 10..
Fayette	38,300	41,959	47,769	120	100	92	97	86	96	91	May 1...
Franklin	19,052	3,487	3,487	104	95	73	83	95	81	100	April 10.
Gallatin	48,881	40,000	38,000	105	90	74	82	67	54	95	May 1...
Hamilton	32,187	23,392	27,438	112	80	80	85	95	75	87	April 25.
Hardin	5,297	5,460	3,708	100	40	95	90	96	76	100	.....
Jackson	22,632	20,565	19,556	95	75	82	80	65	95	95	May 10..
Jasper	31,799	30,507	35,353	100	87	64	77	81	81	92	May 15..
Jefferson	33,556	35,305	42,848	115	110	77	95	85	94	95	April 15.
Johnson	15,446	20,984	12,716	120	91	83	84	96	55	89	April 25.
Lawrence	36,046	28,309	27,421	107	102	87	105	90	92	98	May 2..
Madison	98,102	85,588	75,922	160	90	85	93	82	98	75	May 1...
Marion	37,355	36,172	39,301	117	100	67	89	85	80	92	April 20.
Massac	11,397	11,453	10,876	110	100	76	52	73	62	102	.....
Monroe	16,758	16,380	16,159	134	86	84	87	90	85	95	May 18..
Perry	8,371	12,316	12,316	105	89	87	87	93	91	100	May 20..
Pope	19,291	18,047	18,047	100	100	70	91	104	75	75	May 16..
Pulaski	12,992	10,370	10,457	113	101	88	92	98	81	97	April 15.
Randolph	22,800	25,781	24,684	112	97	87	86	73	90	85	May 15..
Richland	21,129	25,102	24,658	211	95	81	87	84	72	84	May 15..
Saline	23,972	17,562	15,557	102	85	85	70	87	85	100	April 15.
St. Clair	45,364	50,596	44,273	165	85	78	80	79	87	87	May 15..
Union	20,516	15,867	12,113	120	100	85	90	92	71	100	May 20..
Wabash	20,897	17,552	19,162	107	97	83	84	87	70	100	May 10..
Washington	27,669	31,941	32,425	118	100	100	86	95	92	92	May 1...
Wayne	36,905	39,615	35,321	103	80	75	86	82	95	77	April 25.
White	38,546	42,591	33,058	106	86	77	78	98	60	85	April 20.
Williamson	26,225	22,247	15,860	110	100	84	86	97	75	100	April 25.
Total or average	982,558	950,890	933,837	114	91	81	85	88	80	92	

CONDITION OF WINTER WHEAT IN ILLINOIS JUNE 1, 1885.

COUNTIES.	Area seeded...	Per ct. destroyed or winter killed...	Area growing crop...	Height, June 1, 1885—inches...	AVERAGE CONDITION. April 1, 1885.	May 1, 1885...	June 1, 1885.	June 1, 1884	June 1, 1883.	June 1, 1882.
NORTHERN DIVISION.										
Boone	584	50	292	28	100	100	5	92	97	107
Bureau	717	75	179	16	75	75	75	80	85	106
Carroll	3,082	65	1,079	6	25	47	25	93	50	100
Cook	106	.....	106	6	...	90	90	90	98	85
DeKalb	147	7	137	6	75	97	97	92	92	100
DuPage	200	15	170	6	....	80	95	...	..	100
Grundy	105	.....	105	.....	....		....	120	80	100
Henderson	3,531	60	1,412	18	75	70	35	95	82	110
Henry	277	10	249	24	75	90	30	90	90	....
Iroquois	3,900	.....	3,900	9	35	95	66	87	51	104
JoDaviess	3,261	71	946	10	50	49	52	101	67	100
Kane	122	*10	110	36	75	100	90	100	95	104
Kankakee	1,994	25	1,296	18	82	78	35	83	92	94
Kendall	72	.....	72	.....	100	95	100	90	90	110
Knox	3,420	22	2,668	18	75	80	75	100	86	100
Lake	882	77	66	6	75	62	45	99	85	105
LaSalle	2,549	22	1,988	19	87	77	70	88	90	....
Lee	180	10	162	24	85	75	95	100	50	99
Livingston	377	.....	377	.....	80	85	85	95	77	102
Marshall	780	.....	780	6	75	...	20	120	105	103
McHenry	629	45	346	7	82	92	80	102	75	120
Mercer	481	25	361	6	80	70	60	100	100	110
Ogle	3,471	57	1,493	10	65	75	45	105	68	102
Peoria	6,297	50	3,148	8	57	75	63	95	86	112
Putnam	951	40	571	10	90	82	75	92	91	108
Rock Island	230	75	57	16	....	60	50	90	75	105
Stark	270	30	189	.....	87	75	100	100	100	109
Stephenson	5,233	57	2,250	11	63	72	54	93	84	105
Warren	682	34	450	18	88	82	82	94	94	114
Whiteside	441	10	397	15	80	80	75	50	25	100
Will	1,138	5	1,081	8	85	..	92	....	102	92
Winnebago	1,984	45	1,091	8	55	52	61	88	86	102
Woodford	3,589	67	1,184	20	33	72	57	92	80	101
Total or average	51,088	.....	28,712	13	73	94	66	94	82	104
CENTRAL DIVISION.										
Adams	64,127	72	17,956	15	57	43	31	65	75	81
Brown	21,907	54	10,077	13	69	67	46	74	65	101
Calhoun	21,110	68	6,755	28	59	83	51	84	75	99
Cass	18,323	61	7,146	15	44	65	77	97	78	102
Champaign	29,075	*68	9,304	18	35	*25	40	82	56	111
Christian	59,680	80	11,936	14	37	33	10	58	50	117
Clark	28,223	81	5,361	17	36	37	35	48	30	104
Coles	26,785	79	5,625	13	34	58	17	79	44	127
Cumberland	25,161	70	7,548	23	26	35	32	77	61	114
DeWitt	6,391	62	2,429	12	77	82	52	91	82	92
Douglas	9,621	62	3,656	6	30	54	30	72	48	104
Edgar	40,002	50	20,001	24	42	85	77	70	68	109
Ford	447	.. ..	447	20	80	...	60	....	60	95
Fulton	35,262	54	16,926	14	54	66	67	94	85	116
Greene	55,137	82	9,925	17	42	30	34	80	40	86
Hancock	30,548	57	13,136	12	82	65	47	100	92	104
Jersey	55,071	50	26,535	22	30	25	17	72	46	78
Logan	27,587	76	6,621	13	46	65	87	96	75	97
Macon	22,984	79	4,827	8	22	87	5	64	40	100
Macoupin	49,638	70	14,891	18	38	34	15	60	57	47

CONDITION OF WINTER WHEAT JUNE 1, 1885—Continued.

COUNTIES.	Area seeded....	Per ct. destroyed or winter killed.....	Area growing crop.....	Height June 1, 1885—inches...	AVERAGE CONDITION.					
					April 1, 1885.	May 1, 1885.	June 1, 1885.	June 1, 1884.	June 1, 1883.	June 1, 1882.
NORTHERN DIVISION—*Continued.*										
Mason	9,191	65	3,217	14	49	57	42	95	65	100
McDonough	10,723	50	5,361	12	68	58	42	100	66	95
McLean	5,179	70	1,554	11	31	72	37	80	58	108
Menard	30,379	64	10,926	15	51	53	52	89	67	108
Montgomery	75,898	84	12,144	14	33	47	10	50	28	91
Morgan	35,035	60	14,014	15	39	80	73	74	68	95
Moultrie	13,880	69	4,304	14	51	48	36	84	64	97
Piatt	9,839	60	3,936	15	75	62	75	85	65	106
Pike	83,917	85	12,587	15	24	29	8	53	65	116
Sangamon	49,492	72	13,859	11	34	44	17	90	76	96
Schuyler	30,828	40	18,497	20	60	75	55	82	87	100
Scott	9,881	89	1,087	16	15	40	32	62	62	99
Shelby	49,452	90	4,952	20	39	10	5	77	56	124
Tazewell	23,446	61	6,799	13	58	64	62	95	82	105
Vermilion	28,433	82	5,118	13	40	15	55	42	15	105
Total or average	1,092,652	.....	320,468	15	46	53	41	77	61	101
SOUTHERN DIVISION.										
Alexander	8,014	48	4,172	30	60	60	52	92	79	108
Bond	32,843	81	6,240	23	46	39	41	30	23	95
Clay	20,110	77	4,625	19	45	62	33	27	18	103
Clinton	67,415	64	24,269	30	70	76	30	61	5	95
Crawford	55,739	49	13,127	19	71	47	22	42	29	97
Edwards	17,246	50	8,623	42	72	75	40	83	38	115
Effingham	29,545	90	2,954	18	35	75	19	43	36	105
Fayette	36,888	77	8,484	26	48	24	40	50	20	102
Franklin	5,247	62	1,994	31	54	41	59	75	38	113
Gallatin	37,720	45	20,746	34	51	70	60	85	66	106
Hamilton	22,828	58	9,587	31	47	42	30	46	23	105
Hardin	2,203	50	1,101	36	57	67	40	103	67	99
Jackson	38,872	60	15,549	20	62	40	75	75	66	112
Jasper	24,986	73	6,746	18	50	40	10	35	30	110
Jefferson	46,045	42	26,706	28	67	46	25	32	25	111
Johnson	14,349	50	7,174	25	56	39	43	66	48	97
Lawrence	30,173	50	15,085	31	50	48	32	63	28	114
Madison	91,066	87	11,838	17	33	52	28	59	27	87
Marion	43,829	25	32,872	18	70	65	75	52	34	108
Massac	17,102	57	7,354	30	60	55	38	71	61	106
Monroe	65,351	71	18,952	25	35	82	66	95	59	110
Perry	31,557	47	16,725	23	59	59	42	68	37	113
Pope	19,513	*56	8,586	*27	57	*50	*42	75	57	110
Pulaski	8,804	70	2,641	22	70	75	71	101	60	106
Randolph	89,325	42	51,808	24	74	72	55	82	51	105
Richland	20,147	75	5,037	19	78	62	32	49	19	113
Saline	11,767	67	3,883	17	63	55	45	82	42	115
St. Clair	112,394	74	28,098	30	29	56	12	56	25	104
Union	70,810	50	10,405	.....	77	50	60	91	76	103
Wabash	24,190	40	14,514	34	85	59	49	66	47	104
Washington	82,400	25	61,800	20	72	42	30	66	43	117
Wayne	19,670	69	6,098	33	61	38	29	30	19	100
White	39,516	51	19,363	33	63	54	34	77	61	108
Williamson	15,877	58	6,668	21	47	52	32	64	49	117
Total or average	1,203,551	.....	483,825	26	58	55	42	64	41	106

*Estimated.

CONDITION SPRING WHEAT, JUNE 1, 1885.

NORTHERN DIVISION. Counties.	Acreage 1885, compared with 1884	Average condition May 1, 1885	Average condition June 1, 1884	Average condition June 1, 1883	Average condition June 1, 1882	Average condition June 1, 1881
Boone	90	85	91	100	95	96
Bureau	112	90	80	100	.....	100
Carroll	112	....	97	95	80	85
Cook	92	105	100	109	98	97
DeKalb	105	99	98	100	100	100
DuPage	110	100	85	.....	.....	....
Grundy	.....	....	.....	.....	80	...
Henderson	90	100	.....	100	98	90
Henry	110	97	103	100	95	....
Iroquois	.....	....	.....	.....	100	103
JoDaviess	88	87	100	99	90	95
Kane	90	90	100	100	90	99
Kankakee	....	....	100	.....	...	95
Kendall	100	80	95	100	90	90
Knox	110	100	100	.....	100	100
Lake	93	93	88	96	95	93
LaSalle	95	92	70	93	50	93
Lee	105	100	98	102	97	100
Livingston	.....	....	.....	100	100	.....
Marshall	100	100	110	130	103	102
McHenry	84	100	93	99	95	96
Mercer	100	....	75	.....	.....	85
Ogle	87	90	94	96	93	103
Peoria	90	93	80	100	100	....
Putnam	107	100	92	95	103	95
Rock Island	105	95	98	100	.....	103
Stark	100	100	90	97	100	98
Stephenson	94	107	90	100	109	83
Warren	88	97	92	100	100	100
Whiteside	102	90	100	100	82	93
Will	105	100	101	..	101	90
Winnebago	107	85	88	102	95	97
Woodford	100	100	100	105	100	90
Average	99	95	93	100	96	95

CENTRAL DIVISION, Counties.	Acreage 1885, compared with 1884	Average condition May 1, 1885	Average condition June 1, 1885	Average condition June 1, 1884	Average condition June 1, 1883	Average condition June 1, 1882
Adams	.....	.....	.....	.....	.....	.....
Brown	110	100	75	.....	.....	100
Calhoun	.....	.....	.....	.....	.....	.....
Cass	.....	.....	.....	.....	.....	.....
Champaign	.....	.....	.....	.....	.....	....
Christian	.....	.....	75	.....	110	...
Clark	.....	.....	.....	.....	.....	100
Coles	....	.....	.....	.....	.....	.....
Cumberland	....	....	.....	.....	.....	.....
DeWitt	100	100	100	90	100	85
Douglas	.....	.....	.....	.....	.....	.....
Edgar	....	.....	90	.....	.....	....
Ford	.....	.....	....	....	....	....
Fulton	....	.....	100	100	100	101
Greene	115	100	110	.....	.....	100
Hancock	.....	.....	.....	.....	....	100
Jersey	.....	.....	.....	.....	100	....
Logan	150	100	.....	.....	100	65
Macon	.....	.....	.....	.....	....	....
Macoupin	.....	.....	.....	.....	.....	75
Mason	.....	.....	75	.....	....	100
McDonough	62	87	100	90	80	77
McLean	.....	.....	.....	89	.....	100
Menard	.....	.....	.....	95	.....	90
Montgomery	.....	....	.....	.....	....	....
Morgan	150	100	90	.....	.....	.....
Moultrie,	.....	.....	.....	.....	.....	.....
Piatt	.....	.....	.....	.....	.....	110
Pike	....	.....	.....	.....	.....	.....
Sangamon	110	100	.....	.....	100	....
Schuyler	.....	.....	.....	.....	.....	95
Scott	.....	.....	.....	.....	.....	....
Shelby	.....	.....	100	.....	.....	....
Tazewell	.....	.....	.....	.....	.....	100
Vermilion	.....	.....	.....	.....	.....	.....
Average	114	98	91		98	93

SOUTHERN DIVISION. Counties.	Acreage 1885, compared with 1884	Average condition May 1, 1885	Average condition June 1, 1885	Average condition June 1, 1884	Average condition June 1, 1883	Average condition June 1, 1882
Alexander	.....	.....	.....	.....	.....	.....
Bond	.....	.....	.....	....	.....	.....
Clay	.....	.....	.....	110	.....	.....
Clinton	.....	.....	.....	.....	.....	.....
Crawford	.....	.....	.....	.....	.....	.....
Edwards	.....	.....	...	.....	.....	.....
Effingham	.....	.....	.....	.....	....	.....
Fayette	.....	.....	.....	.....	.....	.....
Franklin	....	.....	.....	.....	.....	.....
Gallatin	.....	.....	.....	.....	.....	100
Hamilton	.....	.....	.....	.....	.....	.....
Hardin	.....	.....	.....	.....	.....	.....
Jackson	.....	.....	.....	.....	.....	.....
Jasper	....	.....	.....	.....	.....	.....
Jefferson	.....	.....	.....	.....	.....	.....
Johnson	.....	.....	.....	.....	.....	.....
Lawrence	.....	.....	.....	.....	.....	.....
Madison	.....	.....	.....	.....	.....	.....
Marion	100	100	90	50	100	.....
Massac	.....	.....	.....	.....	.....	.....
Monroe	.....	.....	.....	.....	.....	.....
Perry	.....	.....	.....	.....	.....	.....
Pope	.....	.....	.....	.....	.....	.....
Pulaski	.....	.....	.....	.....	.....	.....
Randolph	.....	.....	.....	.....	.....	.....
Richland	.....	.....	.....	.....	.....	.....
Saline	.....	.....	.....	.....	98	.....
St. Clair	.....	.....	.....	.....	.....	.....
Union	.....	.....	.....	.....	.....	.....
Wabash	.....	.....	.....	.....	.....	.....
Washington	.....	.....	.....	.....	.....	.....
Wayne	.....	.....	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....
Williamson	.....	.....	.....	.....	.....	.....
Average	100	100	90	80	99	100

ACREAGE AND CONDITION OATS, JUNE 1, 1885.

NORTHERN DIVISION. Counties.	Average 1885, comp'd with 1884	Av. condition May 1, 1885	Av. condition June 1, 1885	Av. condition June 1, 1884	Av. condition June 1, 1883	Av. condition June 1, 1882
Boone	83	65	87	108	101	98
Bureau	115	82	99	95	100	109
Carroll	102	....	95	100	90	85
Cook	102	103	85	99	101	95
DeKalb	99	98	99	105	98	98
DuPage	107	87	85	97	92	100
Grundy	96	83	82	107	91	96
Henderson	94	95	85	103	102	97
Henry	111	86	99	104	106	106
Iroquois	90	81	87	100	101	96
JoDaviess	97	95	97	101	93	92
Kane	107	96	92	104	100	95
Kankakee	100	87	95	103	104	96
Kendall	99	92	97	102	82	95
Knox	102	95	96	102	93	103
Lake	100	100	90	93	96	93
LaSalle	94	91	86	101	81	97
Lee	99	93	98	106	100	98
Livingston	90	88	75	101	92	109
Marshall	105	100	97	110	101	104
McHenry	99	100	94	99	103	100
Mercer	102	74	97	102	103	100
Ogle	92	83	94	104	104	100
Peoria	99	81	82	102	99	98
Putnam	98	100	92	100	100	104
Rock Island	103	94	96	100	105	102
Stark	102	95	90	103	105	102
Stephenson	102	91	97	102	99	98
Warren	110	99	103	105	105	99
Whiteside	75	75	97	100	96	100
Will	92	87	79	97	102	90
Winnebago	97	90	91	102	96	101
Woodford	102	98	92	110	92	103
Average	99	90	91	102	98	98

CENTRAL DIVISION. Counties.	Average 1885, comp'd with 1884	Av. condition May 1, 1885	Av. condition June 1, 1885	Av. condition June 1, 1884	Av. condition June 1, 1883	Av. condition June 1, 1882
Adams	115	99	92	98	88	90
Brown	105	87	97	100	91	96
Calhoun	119	100	96	93	100	92
Cass	102	92	104	102	100	91
Champaign	*106	*97	100	103	100	100
Christian	106	89	90	95	84	106
Clark	114	96	95	97	95	105
Coles	116	97	101	94	94	105
Cumberland	105	97	97	97	95	103
DeWitt	107	101	87	105	98	109
Douglas	118	97	100	100	106	98
Edgar	105	98	87	100	100	107
Ford	99	93	94	102	90	103
Fulton	90	95	87	100	96	103
Greene	130	100	103	102	100	100
Hancock	105	110	97	100	100	97
Jersey	105	100	100	97	93	96
Logan	108	101	102	99	96	97
Macon	114	102	100	97	91	102
Macoupin	124	89	94	95	102	82
Mason	122	90	95	100	95	92
McDonough	92	95	103	107	103	100
McLean	100	103	98	102	64	95
Menard	112	97	102	104	100	103
Montgomery	121	90	87	64	96	104
Morgan	125	100	104	98	99	99
Moultrie	107	100	100	96	99	101
Piatt	105	97	100	100	98	102
Pike	150	106	101	102	96	110
Sangamon	107	102	108	100	102	102
Schuyler	92	90	95	104	97	101
Scott	131	100	100	97	98	101
Shelby	118	100	93	97	107	107
Tazewell	116	100	100	104	97	103
Vermilion	107	97	103	115	136	102
Average	111	97	97	100	97	100

SOUTHERN DIVISION. Counties.	Average 1885, comp'd with 1884	Av. condition May 1, 1885	Av. condition June 1, 1885	Av. condition June 1, 1884	Av. condition June 1, 1883	Av. condition June 1, 1882
Alexander	112	100	65	97	100	100
Bond	125	89	114	101	96	103
Clay	113	100	100	88	90	101
Clinton	143	100	100	75	77	103
Crawford	117	91	100	92	92	114
Edwards	125	95	100	97	96	115
Effingham	155	105	100	95	101	103
Fayette	131	102	100	97	111	107
Franklin	107	92	69	107	81	106
Gallatin	105	85	82	89	87	92
Hamilton	103	100	77	90	100	112
Hardin	90	70	40	100	75	84
Jackson	110	95	57	95	85	98
Jasper	112	100	87	95	85	114
Jefferson	112	99	100	103	93	113
Johnson	124	78	70	97	95	87
Lawrence	110	95	102	93	80	112
Madison	208	102	103	102	102	102
Marion	150	105	92	72	90	111
Massac	108	88	88	94	96	99
Monroe	144	92	88	92	100	98
Perry	109	101	95	102	91	112
Pope	*106	*79	110	100	92	95
Pulaski	105	87	95	97	92	121
Randolph	112	97	103	105	96	98
Richland	102	91	94	99	91	105
Saline	102	89	72	101	76	105
St. Clair	225	100	100	94	102	97
Union	90	80	....	100	100	102
Wabash	110	87	90	89	77	109
Washington	118	100	93	97	85	111
Wayne	115	98	83	192	79	96
White	157	90	97	82	96	103
Williamson	108	87	85	104	81	106
Average	122	93	89	95	91	104

* Estimated.

CONDITION WINTER RYE IN ILLINOIS JUNE 1, 1885.

NORTHERN DIVISION.

Counties.	Av. condition April 1, 1885.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.
Boone	100	100	90	100	100	97
Bureau	90	90	75	95	90	113
Carroll	77	89	82	88	78	110
Cook	90	97	84	93	97	87
DeKalb	..	95	98	97	95	100
DuPage	90	97	95	90	98	103
Grundy	78	86	77	105	86	94
Henderson	87	95	95	102	100	65
Henry	80	91	89	88	86	105
Iroquois	60	97	79	86	74	100
JoDaviess	80	92	88	98	96	102
Kane	90	96	91	99	93	106
Kankakee	93	100	100	79	99	105
Kendall	100	95	100	99	90	98
Knox	87	92	90	102	96	93
Lake	90	87	90	100	91	102
LaSalle	90	80	77	90	92	94
Lee	95	96	88	100	83	101
Livingston	80	88	59	88	72	94
Marshall	62	85	75	100	99	102
McHenry	85	100	85	103	95	100
Mercer	95	97	74	98	75	108
Ogle	85	85	89	104	102	103
Peoria	75	86	69	96	92	101
Putnam	82	93	95	97	98	102
Rock Island	90	83	89	87	77	105
Stark	96	88	91	97	85	104
Stephenson	73	86	79	96	91	103
Warren	95	90	82	100	98	103
Whiteside	100	95	80	90	81	103
Will	80	98	97	105	102	90
Winnebago	78	87	75	88	92	108
Woodford	58	78	73	102	90	96
Average	85	91	85	96	91	101

CENTRAL DIVISION.

Counties.	Av. condition April 1, 1885.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.
Adams	90	90	97	90	100	80
Brown	35	100	92	92	80	96
Calhoun	75	47	75	80	90	92
Cass	64	97	100	100	100	101
Champaign	70	70	60	97	97	102
Christian	70	85	90	86	90	116
Clark	60	35	76	62	51	96
Coles	87	75	87	74	85	105
Cumberland	...	100	100	100	75	100
DeWitt	67	75	48	86	85	90
Douglas	60	80	80	90	85	98
Edgar	50	.	....	...	100	100
Ford	85	90	70	.	70	105
Fulton	76	92	75	99	95	99
Greene	90	75	90	100	....	101
Hancock	97	100	92	100	100	106
Jersey	....	95	....	90	100	....
Logan	68	97	100	100	83	99
Macon	85	....	65	92	91	100
Macoupin	90	90	90	95	100	...
Mason	85	....	90	100	96	100
McDonough	87	83	78	90	96	95
McLean	68	80	64	94	86	96
Menard	10	92	93	100	88	104
Montgomery	62	58	82	83	78	96
Morgan	79	90	91	100	89	102
Moultrie	100	70	92	100	86	101
Piatt	80	75	100	97	97	100
Pike	100	98	100	100	96	100
Sangamon	82	98	83	100	97	102
Schuyler	..	85	97	100	100	92
Scott	....	75	90	97	90	96
Shelby	55	50	68	91	90	102
Tazewell	67	97	100	97	93	106
Vermillion	80	100	75	80	...	105
Average	76	83	85	92	90	94

SOUTHERN DIVISION.

Counties.	Av. condition April 1, 1885.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.
Alexander	90	80	40	90	95	105
Bond	57	50	82	93	71	105
Clay	45	....	57	...	75	94
Clinton	100	100	100	77	87	101
Crawford	70	85	73	90	90	96
Edwards	70	...	-	87	100	105
Effingham	57	82	41	67	88	105
Fayette	63	45	80	59	85	97
Franklin	....	....	65	85	100	103
Gallatin	...	..	...	....	100	100
Hamilton	37	50	50	77	60	100
Hardin	90	....	...	100	..	100
Jackson	70	70	....	90	85	100
Jasper	73	63	50	75	75	108
Jefferson	70	54	40	75	69	106
Johnson	60	67	75	87	84	98
Lawrence	....	. .	80	80	80	106
Madison	41	87	60	100	90	102
Marion	....	...	70	35	61	103
Massac	50	50	30	90	87	95
Monroe	100	93	98	100	104	100
Perry	70	87	60	85	82	101
Pope	85	42	100	90	72	....
Pulaski	...	....	97	100	100	105
Randolph	90	100	94	100	90	100
Richland	82	80	75	88	81	95
Saline	50	50	60	91	62	100
St. Clair	80	100	100	188	99	100
Union	80	70	70	97	87	100
Wabash	...	....	100	....	100	50
Washington	75	77	92	92	82	111
Wayne	..	50	30	70	40	140
White	...	...	...	87	62	100
Williamson	....	....	..	100	82	100
Average	70	71	70	86	82	101

CONDITION FLAX JUNE 1. 1885, ETC.

NORTHERN DIVISION.

Counties.	Average 1885, comp'd with 1884	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883	Av. condition June 1, 1882	Av. condition June 1, 1881.
Boone	.....	...	....	....	...	85
Bureau	.....	....	....	....	....	...
Carroll	.....	....	....	....	....	...
Cook	82	100	100	100	80	85
DeKalb	.....	..	100	...	100	87
DuPage	100	80	90	97	92	88
Grundy	87	87	100	85	90	115
Henderson	...	....	....	....	....	....
Henry	.....	...	..	...	....	....
Iroquois	75	97	93	100	103	97
JoDaviess	.....	..	....		--	.
Kane	110	100	....	....	....	75
Kankakee	100	100	100	80	90	95
Kendall	... .	....	....	...	....	....
Knox	.....	....	....	....		....
Lake	105	90	98	53	94	88
LaSalle	105	90	....	....	....	....
Lee	.....	.	....	.	...	..
Livingston	50	75	103	75	75	75
Marshall	.....	--	....	....	..	..
McHenry	....	....	100	100	100	100
Mercer	.....	....	....	....	....	..
Ogle	....	....	....	....	....	100
Peoria	.....	....	...	...	.	....
Putnam	.....	..	...	....	....	...
Rock Island	.....	....	....	....	...	...
Stark	.....	....	.	....	....	...
Stephenson	.....	...	...	95	100	90
Warren	.....	....	....	....	..	....
Whiteside	....	....	....	..	100	.
Will	105	90	100	100	100	100
Winnebago	.....	....	....	....	....	...
Woodford	.....	....	....	....	...	....
Average	92	91	94	88	94	91

CENTRAL DIVISION.

Counties.	Acreage 1885, comp'd with 1884	Av. condition June 1. 1885	Av. condition June 1, 1884	Av. condition June 1, 1883	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Adams	.....	....	....	....	..	....
Brown	....	....	....	....	....	....
Calhoun	.....	....	.	....	....	...
Cass	.....	---	....	..	....	....
Champaign	.....	....	90	100	92	103
Christian	.....	..	..	....	--	25
Clark	50	100	...	100	..	....
Coles	....	....	....	....	..	....
Cumberland	.....	....	....	92	50	75
DeWitt	.....	....	..		..	...
Douglas	100	100	80	100	87	100
Edgar	.....	...	...	....	..	
Ford	80	93	98	83	93	80
Fulton	...	. ..	..	...	..	....
Greene	100	90	..	..	..	....
Hancock	.....	....	..	....	....	....
Jersey	....	---	---	. .	....	....
Logan	.....	..	..	...	..	
Macon	.....	....	....	91	85	94
Macoupin	.....	....	....	....	....	....
Mason	.....	....	---	....	...	....
McDonough	.....	....	....	...	...	..
McLean	.....	....	....	...	..	100
Menard	.....	...	..	....	..	..
Montgomery	....	....	....	---	....	...
Morgan	....	....	....	...	....	..
Moultrie	.....		100	...	90	100
Piatt	100	100	100	100	95	100
Pike	.....	....	--	--	....	....
Sangamon	.....	...	....	..	....	..
Schuyler	....	---	...	....	...	100
Scott	.....	.	....	--	--	....
Shelby	.....	...	....	...	....	....
Tazewell	.....	.	..	....	...	...
Vermilion	75	95	100	..	100	100
Average	84	96	95	95	86	89

SOUTHERN DIVISION.

Counties.	Acreage 1885, comp'd with 1884	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Alexander	.....	..	...	....		....
Bond	.....	....	...	..	100	....
Clay	.....	..	100	100	91	91
Clinton	.....	...	....	..	102	100
Crawford	....	...	..	90	...	....
Edwards	.....	...	..	....	100	....
Effingham	....	...	...	..	100	75
Fayette	....	...	..	....	100	95
Franklin	.....	..	....	....	100	100
Gallatin	. ...	..	..	...	....	....
Hamilton	.....	....	....	....	100	....
Hardin	.....	....	....	....	..	....
Jackson	.....	...	...	...	....	..
Jasper	50	75	75	75	99	88
Jefferson	....	....	...	...	100	100
Johnson	.....	...	....	..	100	....
Lawrence	.....	...	...	....	70	100
Madison	.....	....				....
Marion	.....	...	...	80	93	....
Massac	.....	....	..	..	..	....
Monroe	....	....	....	..	..	....
Perry	.....	....	....	....	..	....
Pope	.....	....	..	..	..	...
Pulaski	.....	....	...	..	....	...
Randolph	....	....	...			. ...
Richland	.....	....	...	100	99	75
Saline	.....	..	..	..	....	....
St. Clair	.....	....	...	....	....	....
Union	.....	...	..	....	.	....
Wabash	.....	....	..	....	....	....
Washington	.....	..	....	....	..	100
Wayne	.....	...	..	..	87	80
White	.....	..	....	..	90	....
Williamson	.....	..	...	..	....	....
Average	50	75	87	89	95	91

CONDITION MEADOWS, JUNE 1, 1885, Etc.

NORTHERN DIVISION.

Counties.	Averaged 1885 comp'd with 1884.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Boone	100	90	103	100	100	95
Bureau	110	100	100	102	98	93
Carroll	100	97	106	93	90	109
Cook	102	75	97	100	87	87
DeKalb	99	99	106	100	95	101
DuPage	95	75	92	80	105	75
Grundy	95	84	103	117	92	115
Henderson	105	75	100	100	85	90
Henry	100	97	93	94	93	80
Iroquois	100	96	95	97	90	95
Jo Daviess	102	89	103	90	90	95
Kane	100	87	101	95	102	90
Kankakee	94	97	98	101	84	101
Kendall	100	87	95	97	91	8
Knox	97	92	99	110	101	84
Lake	100	85	99	96	95	98
LaSalle	100	80	102	94	93	86
Lee	102	97	103	98	102	98
Livingston	107	85	99	101	94	77
Marshall	110	75	100	102	93	90
McHenry	101	85	95	100	100	94
Mercer	107	95	98	102	98	91
Ogle	100	96	110	107	99	82
Peoria	91	76	103	99	87	85
Putnam	95	92	101	102	103	96
Rock Island	94	88	97	92	95	87
Stark	91	92	94	97	99	98
Stephenson	96	87	103	100	87	91
Warren	100	97	107	102	105	90
Whiteside	100	97	105	96	94	92
Will	82	82	100	105	93	85
Winnebago	100	83	107	97	106	100
Woodford	92	90	90	100	88	105
Average	99	85	100	99	95	92

CENTRAL DIVISION.

Counties.	Acreage 1885, comp'd with 1884.	Av. condition June 1, 1885	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Adams	99	95	98	97	98	85
Brown	100	96	100	87	102	100
Calhoun	101	97	95	85	99	100
Cass	100	94	102	90	97	102
Champaign	100	80	100	100	100	97
Christian	108	94	94	101	93	90
Clark	100	92	99	89	91	94
Coles	95	97	104	80	100	77
Cumberland	100	108	100	97	101	100
DeWitt	103	88	106	102	83	86
Douglas	82	85	85	96	99	96
Edgar	100	82	102	88	107	91
Ford	101	89	102	96	109	73
Fulton	92	96	103	101	89	97
Greene	100	99	98	110	94	100
Hancock	80	88	95	97	102	89
Jersey	100	107	110	100	90	113
Logan	107	100	104	100	92	100
Macon	93	93	93	94	95	98
Macoupin	100	92	99	104	84	75
Mason	100	95	100	92	96	87
McDonough	103	97	103	103	80	66
McLean	92	92	103	94	94	92
Menard	97	95	103	101	99	89
Montgomery	109	92	101	96	93	95
Morgan	101	99	100	98	88	97
Moultrie	100	91	98	87	93	89
Piatt	105	100	101	97	102	88
Pike	101	92	92	98	81	88
Sangamon	97	93	105	90	87	109
Schuyler	90	87	96	84	88	95
Scott	102	100	106	96	88	85
Shelby	103	95	97	91	96	103
Tazewell	96	95	101	85	97	89
Vermilion	100	85	105	125	100	95
Average	99	94	100	96	95	79

SOUTHERN DIVISION.

Counties.	Acreage 1885, comp'd with 1884.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1885.
Alexander	115	75	97	111	83	97
Bond	105	93	100	92	77	103
Clay	107	97	90	85	84	100
Clinton	100	100	102	90	61	100
Crawford	103	87	96	96	96	85
Edwards	90	80	97	83	60	83
Effingham	104	95	100	98	98	97
Fayette	106	95	100	102	95	107
Franklin	97	76	83	96	70	83
Gallatin	90	79	100	102	58	68
Hamilton	107	71	95	95	55	69
Hardin	100	40	100	87	67	96
Jackson	100	75	100	105	58	92
Jasper	102	95	95	95	94	85
Jefferson	110	95	97	96	66	50
Johnson	85	65	80	85	65	62
Lawrence	100	95	105	80	76	85
Madison	108	104	94	101	101	101
Marion	92	87	95	94	89	87
Massac	107	96	91	95	46	52
Monroe	102	87	99	93	89	101
Perry	104	84	100	100	60	70
Pope	100	110	103	97	46	102
Pulaski	106	89	100	100	66	88
Randolph	105	88	101	100	50	84
Richland	100	90	100	97	75	96
Saline	187	85	97	88	77	53
St. Clair	102	100	102	100	60	106
Union	110	80	100	100	68	68
Wabash	100	96	96	90	70	72
Washington	105	93	103	103	76	50
Wayne	95	70	103	101	34	85
White	109	80	92	90	71	70
Williamson	102	62	105	92	57	85
Average	102	86	97	95	70	83

CONDITION PASTURES JUNE 1, 1885.

NORTHERN DIVISION.

Counties.	Acr'ge '85 compared with '84	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Boone	100	96	162	98	100	98
Bureau	97	97	102	104	98	100
Carroll	100	98	107	90	70	101
Cook	101	84	98	97	84	90
DeKalb	99	97	102	100	93	101
DuPage	105	77	90	95	105	87
Grundy	97	82	102	110	93	118
Henderson	110	90	105	106	80	97
Henry	100	100	97	91	88	90
Iroquois	101	97	96	102	85	110
JoDaviess	102	89	104	90	89	95
Kane	100	94	98	96	95	89
Kankakee	102	96	101	94	79	96
Kendall	100	85	91	98	91	92
Knox	100	92	99	110	98	91
Lake	102	85	100	97	97	99
LaSalle	96	87	100	98	88	93
Lee	104	99	106	103	92	97
Livingston	106	80	101	105	77	92
Marshall	105	82	103	100	94	88
McHenry	101	89	96	96	96	98
Mercer	102	97	103	102	87	98
Ogle	100	96	110	107	100	92
Peoria	101	66	103	96	80	102
Putnam	100	90	101	103	101	96
Rock Island	97	92	97	94	93	98
Stark	100	87	97	100	93	100
Stephenson	97	68	102	96	82	95
Warren	100	94	109	104	100	100
Whiteside	101	97	100	100	91	95
Will	82	80	93	106	85	100
Winnebago	102	80	105	91	98	100
Woodford	100	92	100	100	90	111
Average	100	89	101	99	90	97

CENTRAL DIVISION.

Counties.	Acr'ge '85 compared with '84	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Adams	102	99	96	102	95	87
Brown	103	97	100	102	102	100
Calhoun	106	97	97	92	86	100
Cass	100	94	101	100	100	102
Champaign	100	90	103	100	96	102
Christian	105	94	97	101	86	86
Clark	103	92	92	89	92	96
Coles	95	97	97	90	79	84
Cumberland	107	107	100	98	98	100
DeWitt	100	88	105	103	87	84
Douglas	85	85	90	93	93	95
Edgar	100	82	102	101	102	105
Ford	102	92	99	95	85	88
Fulton	98	88	103	97	87	90
Greene	104	97	103	115	90	103
Hancock	97	93	90	102	106	97
Jersey	100	103	112	100	88	111
Logan	101	100	104	100	91	101
Macon	97	93	92	85	79	98
Macoupin	105	95	97	107	82	101
Mason	100	100	105	90	91	91
McDonough	100	90	103	106	87	71
McLean	96	92	102	99	86	98
Menard	102	96	100	102	99	93
Montgomery	105	95	102	100	96	95
Morgan	97	95	100	98	92	102
Moultrie	105	95	99	91	92	90
Piatt	105	100	101	91	98	95
Pike	100	91	98	104	88	97
Sangamon	100	92	100	93	85	108
Schuyler	95	105	92	98	88	100
Scott	100	103	100	96	80	96
Shelby	101	98	98	106	94	96
Tazewell	100	100	101	98	92	88
Vermilion	103	92	105	116	86	105
Average	100	95	100	99	90	98

SOUTHERN DIVISION.

Counties.	Acr'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Alexander	95	73	95	110	100	95
Bond	105	104	100	100	96	102
Clay	108	98	92	88	94	98
Clinton	100	100	95	95	89	102
Crawford	102	92	97	100	101	86
Edwards	100	90	92	83	83	83
Effingham	100	96	88	98	96	91
Fayette	104	100	100	102	100	106
Franklin	107	77	83	96	100	75
Gallatin	94	92	92	95	97	96
Hamilton	94	72	91	90	87	93
Hardin	100	100	105	87	96	91
Jackson	100	87	100	103	83	100
Jasper	100	95	92	95	96	93
Jefferson	105	90	97	98	85	76
Johnson	89	65	85	87	70	78
Lawrence	102	100	100	95	87	90
Madison	101	102	99	105	94	101
Marion	97	90	85	95	91	94
Massac	107	102	96	95	63	76
Monroe	102	94	96	102	83	102
Perry	101	82	97	100	90	78
Pope	100	110	100	98	92	97
Pulaski	100	96	103	100	108	101
Randolph	100	93	102	103	83	102
Richland	104	89	100	99	86	100
Saline	100	83	100	88	87	76
St. Clair	102	101	104	103	96	105
Union	110	75	100	101	82	75
Wabash	100	86	85	85	81	97
Washington	107	93	97	102	90	87
Wayne	107	85	97	101	89	90
White	100	74	87	96	94	85
Williamson	100	80	108	102	80	101
Average	101	90	96	97	90	92

FRUIT—BLOOM AND CONDITION.

COUNTIES.	APPLES.		PEACHES.		PEARS.		PLUMS.		CHERRIES.	
	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams	94	77	....	.....	93	67	103	58	82	77
Alexander	100	105	110	115	100	100	105	97	100	95
Bond	98	95	10	10	90	90	102	90	100	98
Boone	47	47	.....	.....	...	.....	90	90	55	50
Brown	64	107	.....	.....	77	92	70	100	90	80
Bureau	40	25	.....	.....	.....	.....	....	....	40	40
Calhoun	92	89	....	.....	.....	.....	84	70	90	82
Carroll	75	75	....	.....	....	...	100	100	50	25
Cass	72	81	.....	....	90	100	100	95	70	70
Champaign	50	....	.....	.....	50	.....	50	....	60	.. ..
Christian	117	92	.....	.....	72	39	112	82	105	83
Clark	89	85	....	.....	60	57	95	90	70	47
Clay	103	95	10	10	100	92	100	93	103	92
Clinton	125	100	.....	.....	125	100	125	100	125	100
Coles	94	84	.....	.....	90	87	100	92	95	74
Cook	81	83	.....	.....	85	80	.....	.....	70	64
Crawford	104	95	.....	.....	100	93	97	87	90	81
Cumberland	70	87	.....	.....	100	100	....	.....	52	67
DeKalb	85	87	.....	.....	...	.....	.....	.....	81	74
DeWitt	63	58	.....	.....	60	60	62	60	65	47
Douglas	90	80	.....	.....	50	40	30	20	65	65
DuPage	80	90	.....	.....	75	.....	70	50	50	50
Edgar	75	87	.....	.....	50	50	75	50	87	75
Edwards	110	95	.....	.....	100	80	110	100	115	90
Effingham	105	111	.....	.....	97	90	97	82	97	59
Fayette	112	94	.....	.....	103	87	100	100	100	65
Ford	97	47	.....	.....	.....	.....	100	100	32	32
Franklin	98	105	10	10	100	100	84	74	97	92
Fulton	61	72	.....	.....	25	50	.....	.....	77	79
Gallatin	94	70	67	46	63	53	83	77	83	67
Greene	96	94	.....	.....	87	93	104	95	100	89
Grundy	95	67	.....	.....	....	.....	113	65	95	56
Hamilton	102	99	22	17	82	77	87	82	90	87
Hancock	83	80	... ..	.....	95	88	100	83	97	82
Hardin	75	80	100	80	.....	....	.....	.....	.....	.....
Henderson	80	90	.....	.....	.....	... ..	.....	.....	100	90
Henry	96	93	.....	.....	50	50	100	100	99	94
Iroquois	73	69		.....	50	.....	100	100	40	49
Jackson	100	90	25	100	100	100	100	75	100	75
Jasper	100	100	.....	.....	77	62	90	62	65	62
Jefferson	110	110	.....	.....	95	95	110	80	110	60
Jersey	72	80	.....	.....	77	87	83	83	80	85
JoDaviess	82	75	.....	.....	....	.....	95	97	55	52
Johnson	101	81	65	55	100	77	100	75	102	87
Kane	94	100	.....	.....	.....	.....	.....	....	100	97
Kankakee	76	75	.....	.....	.....	.....	87	100	42	53
Kendall	77	70	.....	.....	.....	.....	100	100	53	43
Knox	90	92	.....	.....	.....	.....	.....	.....	80	75
Lake	90	87	.....	.....	92	92	.....	.....	90	92
LaSalle	93	70	.....	.....	.....	.....	90	77	57	50
Lawrence	110	107	.....	.....	95	90	102	98	102	92
Lee	103	95	.....	.....	80	70	107	90	80	67

FRUIT—BLOOM AND CONDITION—Continued.

COUNTIES.	APPLES.		PEACHES.		PEARS.		PLUMS.		CHERRIES.	
	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885	Am't of bloom, 1885.	Condition June 1, 1885
	Per cent.	Per cent	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston	71	69	....	.....	.....	.....	92	73	80	28
Logan	103	103	.....	.....	100	97	100	100	103	103
Macon	103	93	.....	.....	.....	.....	... .	.....	100	90
Macoupin	106	97	.....	.....	100	77	100	92	97	85
Madison	109	95	.....	.....	93	92	109	98	100	98
Marion	130	100	.....	.....	125	120	120	85	115	105
Marshall	90	57	.....	....	70	50	120	80	80	55
Mason	100	90	...	... .	100	100	100	100	100	100
Massac	103	98	115	114	84	88	100	101	102	96
McDonough	60	60	.....	.....	.....	.....	.....	.....	75	67
McHenry	72	85	.....	....	10	5	.....	.....	100	87
McLean	72	67	.....	.....	40	40	50	50	79	70
Menard	85	85	.....	.....	92	87	100	93	89	86
Mercer	69	50	.....	.....	.....	.. ..	93	50	67	44
Monroe	86	95	85	85	94	92	96	91	78	75
Montgomery	100	85	.....	.....	100	81	100	82	100	81
Morgan	97	100	.....	.....	95	100	105	100	97	93
Moultrie	87	64	.....	.....	85	77	100	100	85	69
Ogle	87	93	.....	.....	.....	.....	100	100	93	93
Peoria	85	79	....	.....	75	75	50	50	84	75
Perry	102	83	10	10	87	60	100	57	100	74
Piatt	90	75	.....	.....	.....	.....	100	100	85	90
Pike	84	87	.....	...	90	50	100	83	85	92
Pope	115	109	100	100	75	100	100	100	95	75
Pulaski	107	97	87	102	106	105	104	102	102	104
Putnam	100	87	..	...	60	40	110	100	87	65
Randolph	108	102	100	100	100	88	103	97	100	88
Richland	110	91	.....	.... .	95	90	95	85	99	85
Rock Island	92	82	....	.....	50	50	100	85	84	53
Saline	102	88	60	57	85	82	100	88	100	95
Sangamon	100	93	.....	.....	108	108	100	100	100	97
Schuyler	67	60	....	.....	85	80	100	92	80	80
Scott	85	92	.....	.....	100	100	85	85	102	93
Shelby	100	95	....	.....	85	77	109	88	90	75
Stark	90	92	100	100	100	100	100	100	100	92
St. Clair	92	91	10	.....	94	94	97	95	97	100
Stephenson	87	89	.....	.....	.....	.....	100	99	63	31
Tazewell	65	75	.....	.....	.....	.....	90	90	99	95
Union	125	80	75	50	100	90	125	100	100	85
Vermilion	67	50	25	10	50	80	100	100	55	26
Wabash	110	101	.....	.....	101	87	109	95	109	79
Warren	85	85	25	50	25	60	98	93	92	89
Washington	107	103	22	41	100	100	107	95	103	97
Wayne	102	93	.....	....	82	68	100	83	97	60
White	115	95	15	70	115	82	105	71	100	67
Whiteside	82	50	.....	.....	100	50	100	57	95	38
Will	79	71	.....	.....	52	50	90	75	75	56
Williamson	112	100	. ....	.....	100	100	100	75	100	70
Winnebago	91	69	.....	.....	40	40	111	100	84	71
Woodford	71	70	.....	.....	100	90	85	82	87	73

FRUIT—BLOOM AND CONDITION.

COUNTIES.	GRAPES.		STRAWBERRIES.		RASPBERRIES.		BLACKBERRIES.		GOOSEBERRIES.		CURRANTS.	
	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1875.	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams	73	70	100	87	100	97	65	57	100	97	101	99
Alexander	100	90	95	100	.....	....	92	100	100	100	100	100
Bond	102	96	98	103	95	95	95	93	95	94	91	91
Boone	90	90	97	100	70	80	27	25	92	87	76	65
Brown	93	93	100	87	88	85	58	58	95	93	100	100
Bureau	.....	.....	....	.....	80	80	89	85	....	.....	15	75
Calhoun	91	94	97	85	90	92	88	97	75	90	100	92
Carroll	50	62	100	100	100	100	.....	.....	100	100	100	100
Cass	35	90	92	97	84	91	65	85	100	92	100	94
Champaign	.....	.....	100	.....	100	.....	.....	.....	100	.....	60	50
Christian	86	83	101	104	81	74	70	67	97	80	97	96
Clark	65	82	100	100	87	94	100	100	77	96	74	85
Clay	100	100	100	100	105	100	88	92	100	100	100	100
Clinton	120	100	125	100	125	100	125	100	125	100	125	100
Coles	100	100	110	110	100	100	100	100	97	87	75	77
Cook	67	67	97	100	93	97	10	10	100	100	85	93
Crawford	85	80	92	88	72	84	63	52	95	95	87	91
Cumberland	60	75	105	90	70	75	60	80	60	95	68	73
DeKalb	50	42	95	92	95	97	85	77	97	100	87	70
DeWitt	55	65	108	103	75	83	83	92	97	100	83	100
Douglas	60	65	90	85	80	65	100	100	90	80	90	80
DuPage	60	75	50	50	90	90	75	75	90	90	77	80
Edgar	65	75	87	87	75	75	75	75	75	75	75	75
Edwards	100	100	115	110	110	100	90	90	100	100	100	100
Effingham	97	86	102	100	90	92	92	95	90	84	97	95
Fayette	94	81	107	96	90	81	87	81	97	65	100	77
Ford	.....	.....	100	95	100	100	25	25	100	100	100	100
Franklin	100	82	102	95	93	93	79	89	102	101	110	103
Fulton	97	95	103	110	90	90	69	72	81	87	84	85
Gallatin	82	89	100	84	80	72	75	75	56	47	75	35
Greene	102	104	105	96	88	80	35	50	94	94	94	97
Grundy	74	64	102	87	105	92	100	90	100	92	94	82
Hamilton	94	100	107	80	79	90	52	67	85	87	76	75
Hancock	97	97	100	97	90	90	87	87	92	100	87	92
Hardin	70	70	.....	.....	.....	.....	100	100	100	80	80	88
Henderson	60	80	100	100	50	60	20	20	75	80	100	100
Henry	80	82	101	95	94	91	72	72	90	90	90	90
Iroquois	10	53	107	100	62	42	37	75	97	70	93	75
Jackson	100	100	100	82	87	75	100	100	100	100	100	100
Jasper	100	100	100	80	87	87	75	100	77	90	90	100
Jefferson	100	100	100	100	10	10	17	17	100	100	90	90
Jersey	92	92	103	100	88	80	57	57	100	100	100	100
JoDaviess	95	95	87	92	85	75	65	70	100	100	100	100
Johnson	92	100	97	82	97	97	97	102	97	92	100	100
Kane	75	83	102	102	95	96	100	100	100	100	96	100
Kankakee	10	100	107	107	92	90	58	80	82	100	92	100
Kendall	33	32	100	100	90	83	100	100	100	100	100	100
Knox	35	35	97	100	90	87	90	95	100	100	100	100
Lake	80	92	100	87	100	100	100	100	85	85	77	80
LaSalle	45	48	100	92	85	70	47	45	97	100	93	99
Lawrence	93	92	95	95	77	77	50	50	100	97	107	103
Lee	10	10	102	100	97	95	67	67	95	92	97	95

FRUIT—BLOOM AND CONDITION—Continued.

COUNTIES.	GRAPES.		STRAWBERRIES.		RASPBERRIES.		BLACKBERRIES.		GOOSEBERRIES.		CURRANTS.	
	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.	Am't. of bloom, 1885.	Condition June 1, 1885.
	Per cent	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent	Per cent.	Per cent.
Livingston	.....	.....	103	90	110	100	70	80	90	87	93	92
Logan	92	85	103	102	100	100	100	97	105	100	100	100
Macon	75	75	107	97	75	75	110	100	100	100	100	100
Macoupin	97	92	114	109	85	87	88	88	105	104	107	105
Madison	92	100	103	101	92	90	100	98	97	100	100	100
Marion	100	102	115	102	80	77	55	42	85	85	102	100
Marshall	40	30	110	107	80	70	40	20	100	100	90	80
Mason	90	100	87	87	100	87	100	100	100	100	100	100
Massac	100	100	102	104	99	97	100	100	90	90	.....	.....
McDonough	75	75	87	87	100	87	62	62	90	90	100	100
McHenry	47	55	95	87	92	92	10	5	.....	.....	75	80
McLean	23	30	102	97	84	79	47	53	67	70	75	77
Menard	87	67	93	96	100	97	100	100	95	93	82	77
Mercer	83	58	102	97	100	87	70	80	75	70	93	90
Monroe	95	97	97	98	95	92	97	93	97	93	97	93
Montgomery	97	97	102	97	76	90	61	76	90	100	87	97
Morgan	75	87	102	97	90	85	75	58	100	100	100	100
Moultrie	70	60	112	107	102	98	100	100	81	85	100	92
Ogle	80	90	100	95	85	87	85	92	70	75	75	72
Peoria	55	50	89	79	90	85	75	77	87	90	80	85
Perry	87	87	100	90	100	100	52	50	94	87	100	100
Piatt	.....	.....	100	100	90	90	90	90	100	100	100	100
Pike	79	83	103	100	94	14	67	70	100	100	100	100
Pope	100	100	110	115	75	100	110	100	75	95	75	90
Pulaski	106	106	102	110	82	85	96	90	85	100	100	100
Putnam	87	87	100	100	100	100	95	100	90	85	92	95
Randolph	97	97	97	93	50	52	58	58	100	100	100	100
Richland	97	99	92	95	90	90	57	69	100	96	102	100
Rock Island	45	50	100	97	92	86	47	58	79	80	75	84
Saline	90	87	100	92	85	82	80	80	85	95	100	100
Sangamon	100	100	100	100	97	100	67	97	97	100	93	93
Schuyler	82	80	95	85	80	80	60	55	75	65	55	50
Scott	78	73	102	100	93	92	102	100	88	83	95	93
Shelby	80	75	103	103	92	85	100	100	95	88	80	70
Stark	92	83	97	97	50	87	35	75	80	92	80	83
St. Clair	95	97	95	100	80	100	100	100	85	90	90	95
Stephenson	100	100	87	88	82	78	75	81	90	90	83	87
Tazewell	75	75	105	100	50	50	50	50	75	75	75	75
Union	100	90	125	75	100	100	110	100	80	65	.....	.....
Vermilion	55	52	102	100	100	100	75	75	92	70	92	87
Wabash	109	100	100	100	106	100	61	75	100	100	100	100
Warren	69	71	104	98	103	101	87	83	94	95	97	99
Washington	100	90	105	110	100	100	75	100	95	103	100	100
Wayne	69	69	100	87	75	75	50	50	93	93	87	87
White	95	97	100	77	57	55	40	66	76	74	75	50
Whiteside	80	47	100	100	80	65	.....	.....	90	90	100	100
Will	77	70	102	92	75	76	87	90	83	82	71	66
Williamson	100	100	105	110	105	100	75	100	75	100	75	100
Winnebago	90	70	102	92	103	97	62	62	82	62	84	67
Woodford	60	60	100	97	80	82	62	45	93	92	93	92

FIELD CROPS.

Acreage and Condition.

Counties.	CORN.			BROOM CORN.		SORGHUM.		WIN'R WHEAT	SPR WHT	OATS	RYE.	BARL'Y		FLAX.	
	Acreage compared with that of 1884.	Condition June 1, 1885	Seed—quality compared with an av.	Acreage compared with that of 1884.	Condition June 1, 1885	Acreage compared with that of 1884.	Condition June 1, 1885	Condition June 1, 1885	Height June 1	Condition June 1, 1885	Condition June 1, 1885	Acreage compared with that of 1884.	Condition June 1, 1885	Acreage compared with that of 1884.	Condition June 1, 1885
	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Adams	114	81	60	....	....	80	90	31	15	.....	92	97	....	....	....	....
Alexander	120	115	125	100	50	102	95	52	30	.....	65	40	....	....	....	....
Bond	122	86	80	..	....	105	95	41	22	.....	114	82	....	....	....	....
Boone	99	81	86	90	90	....	....	5	28	91	87	90	110	100	....	....
Brown	109	75	84	....	..	100	50	46	13	75	97	92	....	....	....	....
Bureau	90	9	67	..	....	75	80	15	16	80	96	75	....	....	....	....
Calhoun	119	84	89	....	....	110	90	51	28	.....	90	75	....	....	....	....
Carroll	100	92	92	..	....	....	.....	25	....	97	95	82	....	....	....	....
Cass	107	85	53	....	....	100	100	37	55	.....	104	100	....	....	....	....
Champaign	110	109	75	100	100	100	100	40	18	....	100	60	....	....	....	....
Christian	122	90	83	100	90	110	95	10	15	75	90	90	90	85	....	....
Clark	117	85	86	92	90	90	88	35	17	.....	95	76	....	....	50	100
Clay	112	93	81	....	....	100	95	33	19	.....	100	57	....	....	....	....
Clinton	100	71	70	100	80	100	80	50	30	.....	100	100	....	....	....	....
Coles	111	84	85	81	87	97	91	17	13	.....	101	87	....	....	....	....
Cook	99	89	96	....	....	75	100	90	6	100	85	84	100	100	82	100
Crawford	113	96	101	....	..	102	100	52	10	.....	100	73	..	....	....	....
Cumberland	103	88	91	82	95	102	95	32	25	....	97	100	....	....	....	....
DeKalb	99	95	99	100	100	....	.....	97	6	98	99	98	100	97	....	....
DeWitt	105	73	63	....	....	95	87	52	12	100	87	48	....	....	....	....
Douglas	107	90	90	55	100	100	90	30	6	.....	100	80	....	....	100	100
DuPage	100	....	102	....	....	.....	....	95	6	85	85	95	90	100	100	80
Edgar	127	87	95	..	....	100	75	37	25	90	87	.....	....	....	....	....
Edwards	110	100	100	....	....	100	100	40	42	.....	100	.....	....	....	....	....
Effingham	107	94	89	.	....	102	93	19	18	.....	100	41	....	....	....	....
Fayette	120	100	91	100	100	96	99	40	26	.....	100	80	....	..	....	....
Ford	102	75	69	....	....	.....	.....	60	20	.....	94	79	..	....	80	93
Franklin	104	95	100	..	....	100	100	59	31	.....	69	65	....	....	....	....
Fulton	105	79	67	....	....	100	100	67	14	100	87	75	....	....	....	....
Gallatin	105	90	95	..	....	100	91	60	34	....	82	....	....	....	....	....
Greene	117	70	73	....	....	105	87	34	17	110	103	90	100	80	100	90
Grundy	99	87	70	....	....	190	92	..	....	.....	82	77	90	90	87	87
Hamilton	112	80	87	....	....	102	90	39	31	.....	77	50	..	....	....	....
Hancock	113	90	75	..	....	60	....	47	12	.....	97	92	....	....	....	....
Hardin	100	40	100	....	....	50	30	40	36	.....	40	....	....	..	....	....
Henderson	90	60	47	....	....	190	45	35	18	.....	85	95	....	..	....	....
Henry	97	86	85	85	87	110	90	30	24	103	99	89	....	..	..	....
Iroquois	100	84	67	....	....	100	90	66	9	.....	86	79	....	..	75	97
Jackson	95	75	95	....	....	75	85	45	28	.....	57	....	..	..	..	....
Jasper	100	87	92	100	100	190	95	10	18	.....	87	50	....	....	50	75
Jefferson	115	110	95	100	90	105	100	25	28	.....	100	40	.	....	....	....
Jersey	125	85	77	..	..	100	100	17	22	....	100	.....	100	100	....	....
JoDaviess	101	90	84	....	....	100	100	52	10	100	97	88	100	100	....	....
Johnson	120	91	89	100	100	98	90	43	25	.....	70	75	....	....	....	....
Kane	92	87	92	....	....	....	.....	90	36	110	92	91	....	....	110	100
Kankakee	102	90	72	80	100	87	100	75	18	100	95	100	....	..	100	100
Kendall	100	80	74	....	....	....	.....	100	....	95	97	100	....	....	....	....
Knox	101	86	83	100	90	97	95	75	18	100	96	90	....	....	....	....
Lake	100	85	103	....	....	100	85	45	6	88	90	90	100	95	105	90
LaSalle	99	67	64	....	....	90	87	70	19	70	86	57	.	....	105	90
Lawrence	107	102	98	....	....	97	100	43	31	.....	102	80	90	90	....	....

FIELD CROPS.--Continued.

Acreage and Condition.

Counties.	CORN.			BROOM CORN.		SORGHUM.		WINT'R WHEAT	SPR. WHT.	OATS	RYE.	BARL'Y		FLAX.	
	Acreage compared with that of 1884.	Condition June 1, 1885	Seed—quality compared with an av.	Acreage compared with that of 1884.	Condition June 1, 1885	Acreage compared with that of 1884.	Condition June 1, 1885	Condition June 1, 1885	Height June 1, 1885.	Condition June 1, 1885	Condition June 1, 1885	Acreage compared with that of 1884.	Condition June 1, 1885	Acreage compared with that of 1884.	Condition June 1, 1885
	Per Cent.	Per Cent.	Per Cent	Per Cent.	Per Cent	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Lee	100	95	95	....	....	100	85	95	24	98	98	88	80	92	....
Livingston	105	76	67	....	....	75	60	85	..	.....	75	59	....	....	50
Logan	107	92	68	....	....	95	92	87	13	.....	102	100	....	....	....
Macon	107	87	79	....	....	100	50	5	8	.....	100	65	....	....	....
Macoupin	124	97	88	..	....	50	100	15	18	.....	94	90	....	....	....
Madison	160	90	75	100	100	100	100	28	17	.....	103	60	100	105	....
Marion	117	100	92	110	100	100	100	67	23	90	92	70	....	....	....
Marshall	102	65	55	....	...	100	110	20	6	110	97	75	110	120	....
Mason	110	90	65	....	.	... ..	.....	42	14	75	95	90	....	....	..
Massac	110	100	102	....	..	100	100	38	30	.....	88	30	....	....	....
McDonough	102	80	60	...	....	100	87	43	12	100	103	78	....	....	....
McHenry	99	95	94	....	....	100	.....	80	7	93	94	85	83	85	....
McLean	101	76	61	....	...	50	60	37	11	.....	98	64	....	....	....
Menard	108	87	83	....	...	105	100	52	15	.....	102	93	....	....	....
Mercer	102	70	56	80	70	75	50	60	6	75	97	74	....	....	....
Monroe	134	86	95	100	100	108	92	66	25	.....	88	98	100	100	...
Montgomery,	124	94	99	....	....	107	93	10	14	.....	77	82	..	...	....
Morgan	116	99	79	....	....	110	80	73	15	90	104	91	....	....	....
Moultrie	102	86	72	.	....	.....	.....	36	14	.....	100	95	...	.	....
Ogle	102	95	99	100	100	100	.....	45	10	94	94	89	91	92	....
Peoria	100	65	44	100	75	100	75	63	8	80	82	69	....	....	....
Perry	105	89	100	....	...	100	.....	42	23	.....	95	60	....	....	....
Piatt	105	95	75	....	....	100	90	15	13	... ..	100	100	....	....	100
Pike	129	87	91	....	....	100	100	8	15	.....	101	100	....	....	....
Pope	100	100	75	95	85	85	100	50	40	.....	110	100	80	85	....
Pulaski	113	101	97	....	....	100	100	77	22	.....	95	97	....	....	....
Putnam	109	90	92	....	....	90	85	75	10	92	92	90	....	....	....
Randolph	112	97	85	....	....	100	100	52	24	.....	103	95	....	....	....
Richland	111	95	84	....	....	100	87	52	9	.....	94	75	...	....	....
Rock Island	101	79	80	....	....	.....	.....	50	16	98	96	89	105	100	....
Saline	102	85	100	.. .	....	100	90	45	16	.....	82	60	....	. .	....
Sangamon	118	87	68	....	....	.....	.....	17	11	.....	108	83	....	....	....
Schuyler	117	70	67	100	75	90	70	55	20	.....	95	97	....	....	....
Scott	120	92	95	....	....	....	.....	32	16	.....	100	90		....	....
Shelby	117	93	93	100	95	97	100	5	20	100	93	68	....	....	....
Stark	100	80	75	....	....	100	100	100	...	90	90	91	100	100	....
St. Clair	165	85	87	....	...	95	90	12	30	.....	100	100	95	100	....
Stephenson	105	97	80	100	100	75	97	54	11	90	97	79	97	97	..
Tazewell	110	80	75	....	....	110	80	62	13	.....	100	100	....	....	...
Union	120	100	100	....	....	100	100	60	...	.....	....	70	....	....	.
Vermilion	108	97	75	....	....	100	100	55	13	.....	103	95	....	....	75
Wabash	107	97	100	....	....	87	87	49	34	.....	00	100	....	....	....
Warren	101	82	61	85	90	87	92	82	18	92	103	82	. ..	....	...
Washington	118	100	92	100	100	105	100	30	20	.....	93	92	....	..	...
Wayne	103	80	77	90	80	97	85	29	33	.....	83	30	....	....	....
White	106	86	85	....	....	100	90	34	33	.....	97	....	..	...	....
Whiteside	135	82	78	....	....	100	70	75	12	100	97	80	72	95	....
Will	114	112	88	....	....	.....	.....	92	8	101	79	97	90	90	135
Williamson	110	100	100	...	....	100	100	32	21	.....	85	....	...	....	....
Winnebago	97	92	99	....	....	100	85	61	8	88	91	75	102	89	....
Woodford	97	82	70	100	90	100	75	57	20	100	92	73	100	80	....

FIELD CROPS—ACREAGE AND CONDITION.

COUNTIES.	COT'N.		TOBACCO.		MEADOWS.		CLOV'R.		PASTURES.		IRISH P'TAT'S		SWEET P'TAT'S		CORN.
	Average compared with that of 1884	Condition June 1, 1885.	Acreage compared with that of 1884..	Condition June 1, 1885.	Acreage compared with that of 1884....	Condition June 1, 1885.	Acreage compared with that of 1884....	Condition June 1, 1885.	Acreage compared with that of 1884. .	Condition June 1, 1885.	Acreage compared with that of 1884....	Condition June 1, 1885.	Acreage compared with that of 1884....	Condition June 1, 1885.	First appearance above ground.....
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	
Adams	....	....	....	....	99	95	104	97	102	99	97	90	90	90	May 10..
Alexander	....	...	100	75	115	75	109	80	95	75	100	100	110	102	April 15.
Bond	....	....	....	....	105	99	108	102	105	104	97	96	100	100	April 20.
Boone	....	....	....	....	100	90	95	90	100	96	97	90	....	....	May 15..
Brown	...	....	...	....	100	96	107	96	106	97	97	92	92	83	May 20..
Bureau	..	....	...	....	110	100	92	90	97	97	102	97	....	....	May 20..
Calhoun	....	...	....	....	101	97	110	99	106	97	107	99	105	95	April 20.
Carroll	...	...	....	....	100	97	100	77	100	98	95	75	100	100	May 10..
Cass	...	....	....	....	100	94	93	90	100	94	100	97	100	100	May 10..
Champaign	....	....	....	....	100	80	100	100	100	90	100	100	....	....	May 10..
Christian	....	....	....	....	108	94	97	90	105	94	101	89	102	92	May 10..
Clark	....	....	62	85	100	92	100	96	105	92	96	85	92	83	May 10..
Clay	....	....	....	....	107	97	103	100	108	98	100	100	100	100	May 10..
Clinton	....	....	100	70	100	100	100	100	100	100	100	75	100	75	May 1..
Coles	...	....	100	100	95	97	96	94	95	97	100	95	101	96	May 15..
Cook	...	....	....	....	102	75	112	100	101	84	102	97	....	....	May 22..
Crawford	....	....	105	100	103	87	95	88	102	92	106	98	90	90	May 6...
Cumberland	....	....	....	....	100	108	102	92	107	107	102	97	108	92	May 10..
DeKalb	..	....	....	....	99	99	100	102	99	97	101	98	....	....	May 10..
DeWitt	....	...		....	103	88	93	77	100	88	103	92	100	100	May 15..
Douglas	...	....	100	100	82	85	90	87	85	85	100	100	100	90	May 4...
DuPage	....	....	....	....	95	75	87	77	105	77	90	87	....	....	May 22..
Edgar	...	....	....	..	109	82	100	87	100	82	100	100	100	75	May 20..
Edwards	....	....	....	..	90	80	110	100	100	90	100	100	90	80	....
Effingham	....	....	100	90	104	95	112	97	100	96	104	94	100	94	May 10..
Fayette	....	....	100	100	106	95	105	92	104	100	102	102	100	100	May 1...
Ford	....	....	....	.	101	89	100	90	102	92	100	100	...	....	May 15..
Franklin	..	..	103	100	97	76	112	93	107	77	103	99	102	95	April 10.
Fulton	....	....	....	...	92	96	68	71	98	88	97	71	95	100	May 14..
Gallatin	....	....	110	100	90	79	100	91	94	92	100	101	100	100	May 1 ..
Greene	....	....	....	....	109	99	105	102	104	97	98	102	98	100	May 13..
Grundy	...	....	....	..	95	84	92	84	97	82	102	92	100	100	May 15..
Hamilton	....	....	107	100	107	71	150	72	94	72	105	97	102	97	April 25.
Hancock	....	....	....	....	80	88	92	97	97	93	97	100	87	100	May 10..
Hardin	....	....	....	....	100	40	100	60	100	100	70	80	70	60	....
Henderson	....	....	....	....	105	75	85	50	110	90	100	100	100	65	May 15..
Henry	....	....	....	....	100	97	95	95	100	100	100	92	100	100	May 15..
Iroquois	....	....	....	....	100	96	100	93	101	97	100	92	100	100	May 12..
Jackson	....	...	..	...	100	75	87	90	100	87	95	95	100	100	May 10..
Jasper	....	....	87	90	102	95	100	100	100	95	100	100	100	100	May 15..
Jefferson	....	....	100	100	110	95	110	100	105	90	100	105	100	100	April 15.
Jersey	..	...	..	....	100	107	100	88	100	103	100	100	100	100	May 15..
JoDaviess	....	....	90		102	89	37	80	102	89	101	92	....	....	May 15..
Johnson	....	...	87	100	85	65	87	60	89	65	100	94	103	96	April 25.
Kane	....	....	....	.	100	87	97	90	100	94	101	95	....	....	May 10..
Kankakee	....	....	....	....	94	97	100	98	102	96	100	100	....	....	May 20..
Kendall	....	....	....	....	100	87	95	80	100	85	97	100	....	...	May 15..
Knox	....	....	....	....	97	92	97	95	100	92	100	99	100	97	May 16..
Lake	....	....	...	....	100	85	83	87	102	85	100	83	....	....	May 20..
LaSalle	....	...	....	....	100	80	83	76	96	87	96	89	100	95	May 15..
Lawrence	....	...	....	....	100	95	105	100	102	100	100	100	90	90	May 2...
Lee	....	....	100	90	102	97	97	83	104	99	100	98	100	90	May 16..

FIELD CROPS—ACREAGE AND CONDITION—Continued.

COUNTIES.	COT'N.		TOBACCO		MEADOWS.		CLOV'R.		PASTURES.		IRISH P'TAT'S		SWEET P'TAT'S		CORN.
	Average compared with that of 1884	Condition June 1, 1885.	Average compared with that of 1884	Condition June 1, 1885	Average compared with that of 1884	Condition June 1, 1885.	Average compared with that of 1884	Condition June 1, 1885.	Average compared with that of 1884	Condition June 1, 1885	Average compared with that of 1884	Condition June 1, 1885.	Average compared with that of 1885	Condition June 1, 1885.	First appearance above ground
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	
Livingston	....	....	....		107	85	100	87	106	80	100	91	....	....	May 20..
Logan	....	...	....	....	107	100	107	103	101	100	100	98	100	100	May 12..
Macon	....	....	...	....	93	93	103	97	97	93	100	92	....	...	May 18..
Macoupin	....	....	....	....	100	92	110	98	105	95	103	102	105	102	May 15..
Madison	....	....	....	....	108	104	107	98	101	102	102	100	100	100	May 11...
Marion	....	....	.. .	....	92	87	110	110	97	90	92	75	110	100	April 20.
Marshall	....	..	..		110	75	102	86	105	82	102	95	100	80	May 10..
Mason	....	....	...	....	100	95	110	100	100	100	100	100	100	100	May 15..
Massac	....	....	100	100	107	96	119	94	107	102	102	102	103	100	.....
McDonough	....	.	....	....	103	97	103	82	100	90	95	100	100	100	May 10..
McHenry	....	....	....	.. .	101	85	96	84	101	89	99	83	....	....	May 17..
McLean	....	....	....	....	92	92	95	91	96	92	100	90	77	78	May 10..
Menard	....	....	.	....	97	95	100	95	102	96	102	96	100	97	May 10..
Mercer	....	....	....	....	107	95	100	97	102	97	102	93	...	90	May 15..
Monroe	....	....	....	....	102	87	102	95	102	94	106	96	100	95	May 18..
Montgomery	....	....	...	....	109	92	115	95	105	95	110	102	101	99	May 8...
Morgan	....	....	....	....	101	99	97	89	97	95	103	100	100	100	May 10..
Moultrie	....	....	....	....	100	91	94	97	105	95	100	100	100	83	April 26.
Ogle	....	....	....	...	100	96	95	94	100	96	100	97		....	May 20..
Peoria	....	....	..	....	91	76	84	66	101	66	92	95	100	100	May 15..
Perry	....	....	....	....	104	84	112	93	101	82	102	97	102	97	May 20..
Piatt	....	....	....	....	105	100	100	100	105	100	100	90	...	....	May 10..
Pike	....	....	....	....	101	92	101	97	100	91	100	100	100	100	May 15..
Pope	85	85	100	110	100	110	115	100	100	110	75	100	85	100	May 16..
Pulaski	....	....	92	100	106	89	105	98	100	96	101	102	109	96	April 15.
Putnam	..	....	....	....	95	92	95	67	100	90	100	92	....	..	May 18..
Randolph	....	....	....	....	105	88	107	98	100	93	93	103	98	100	May 15..
Richland	....	....	....	....	100	90	97	95	104	89	104	99	93	93	May 15..
Rock Island	...	....	....	....	94	88	98	80	97	92	99	99	100	100	May 15..
Saline	....	....	100	100	87	85	100	80	100	83	100	92	100	100	April 15.
Sangamon	...	.	....	....	97	93	100	97	100	92	97	85	100	100	May 10..
Schuyler	....	....	....	....	90	87	80	70	95	105	90	90	100	100	May 20..
Scott	....	....	....	....	102	100	103	100	100	103	92	93	93	92	May 1...
Shelby	....	....	...	....	103	95	108	98	101	98	87	100	94	95	April 25.
Stark	....	..	..	..	91	92	100	90	100	87	100	92	100	100	May 20..
St. Clair	..	....		...	102	100	115	94	102	101	110	100	98	100	May 15..
Stephenson	....	....	101	100	96	87	52	64	97	68	100	98	100	100	May 8...
Tazewell	....	....	....	....	96	95	90	87	100	100	100	100	100	100	May 1...
Union	....	....	....	....	110	80	120	80	110	75	100	90	100	85	May 20..
Vermilion	....	...	....	....	100	85	102	97	103	92	102	100	100	100	May 10..
Wabash	....	....	....	....	100	96	97	79	100	86	105	97	92	94	May 10..
Warren	....	....	...	..	100	97	91	97	100	94	99	102	97	98	May 10..
Washington	....	..	100	90	105	93	107	93	107	93	100	100	100	83	May 1...
Wayne	....	. ..	105	87	95	70	97	77	107	85	100	92	97	92	April 25.
White	..	....	..	....	109	80	95	75	100	74	95	90	97	85	April 20.
Whiteside	....	..	....	. ..	100	97	94	75	101	97	100	98	100	100	May 25..
Will	...	...	80	75	82	82	82	84	82	80	77	78	....	....	May 15..
Williamson	100	100	110	100	102	62	105	90	100	80	110	100	105	100	April 25.
Winnebago	....	....	200	90	100	83	89	71	102	80	100	91	....	.	May 20..
Woodford	....	....	....	...	92	90	83	87	100	92	102	93	97	90	May 12..

YOUNG LIVE STOCK.

Number and condition compared with an average.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.....	Condition.....	Number.....	Condition.....	Number.....	Condition.....	Number.....	Condition.....	Value at weaning time.....	Lost prior to weaning	Average cost of service.....
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	$.	Per cent.	$.
Adams	75	87	70	90	97	95	95	97	40	7	12
Alexander	112	110	105	100	105	102	105	95	30	1	5
Bond	83	100	92	102	97	98	95	98	44	7	8
Boone	86	87	83	87	102	100	100	100	37	7	13
Brown	66	96	94	100	90	100	94	100	52	7	10
Bureau	87	90	80	100	102	97	98	95	47	7	13
Calhoun	88	97	100	100	100	100	93	100	37	5	9
Carroll	70	93	98	100	100	100	1.0	92	57	7	16
Cass	77	97	90	100	97	100	100	100	55	6	15
Champaign	100	100	75	100	100	100	100	100	40	5	15
Christian	92	96	100	99	102	99	101	96	41	4	12
Clark	94	93	91	102	102	96	99	94	32	7	8
Clay	75	75	88	100	98	92	68	98	40	7	8
Clinton	100	100	50	75	100	120	30	100	35	.....	.....
Coles	86	94	87	95	99	95	100	100	42	5	12
Cook	87	100	100	100	100	100	102	100	50	2	11
Crawford	81	92	86	99	97	95	98	99	52	6	10
Cumberland	105	100	107	97	105	100	95	100	34	7	8
DeKalb	89	95	88	98	102	100	97	97	40	3	12
DeWitt	78	97	83	97	103	100	98	100	53	4	18
Douglas	75	100	....	.....	100	100	100	100	40	10	9
DuPage	87	87	77	82	105	97	97	97	52	8	13
Edgar	100	100	87	87	100	100	115	103	51	7	12
Edwards	95	100	85	80	100	90	100	100	35	5	10
Effingham	83	92	97	100	93	98	95	98	38	7	6
Fayette	97	100	100	100	95	100	100	97	36	7	9
Ford	47	100	90	100	95	100	92	100	47	.....	13
Franklin	90	91	84	102	105	100	111	101	42	7	9
Fulton	87	93	85	95	98	100	104	95	37	7	14
Gallatin	85	100	95	88	102	100	105	100	33	9	9
Greene	55	90	62	90	82	100	70	100	45	7	11
Grundy	72	67	70	90	95	95	105	100	47	9	15
Hamilton	96	82	81	100	89	100	100	99	40	7	7
Hancock	72	100	87	100	98	102	97	93	35	6	13
Hardin	100	80	50	80	100	90	100	100	40	5	7
Henderson	42	90	100	100	90	100	75	99	52	7	20
Henry	95	100	87	99	99	97	99	100	50	6	15
Iroquois	64	100	80	99	97	100	104	100	37	8	13
Jackson	75	100	100	100	75	100	100	100	40	.....	5
Jasper	75	100	80	100	90	100	87	100	40	7	7
Jefferson	90	77	90	95	95	100	95	95	52	10	10
Jersey	105	105	100	100	100	100	100	100	50	.....	11
JoDaviess	100	97	87	92	100	100	100	100	35	2	12
Johnson	84	95	74	91	86	86	102	100	49	3	8
Kane	102	102	92	100	110	116	110	100	49	4	15
Kankakee	95	101	82	100	105	100	86	95	45	7	11
Kendall	77	97	80	100	100	100	100	100	35	5	14
Knox	89	95	89	91	101	100	91	99	44	7	13
Lake	87	98	73	98	102	100	102	98	42	4	12
LaSalle	83	100	88	97	100	99	75	99	79	6	21
Lawrence	95	95	97	97	97	100	90	90	40	6	11
Lee	101	100	91	100	100	101	98	100	50	1	10

YOUNG LIVE STOCK---Continued.

Number and Condition Compared with an average.

COUNTIES.	PIGS.		LAMBS.		CALVES.		COLTS.				
	Number.....	Condition.....	Number.....	Condition.....	Number.....	Condition.....	Number.....	Condition.....	Value at weaning time.....	Lost prior to weaning.....	Average cost of service.....
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	$.	Per cent.	$.
Livingston	95	92	97	100	101	100	96	97	73	10	18
Logan	95	100	95	100	103	100	102	100	45	10	12
Macon	73	100	78	100	103	100	102	100	43	6	13
Maconpin	78	99	93	100	105	98	102	98	40	6	12
Madison	102	100	111	101	100	100	102	100	33	5	12
Marion	62	77	100	72	102	97	72	85	30	5	9
Marshall	90	80	90	100	100	100	103	100	45	7	12
Mason	80	100	.....	.....	100	100	115	110	60	7	15
Massac	97	112	100	102	108	100	93	100	47	.....	9
McDonough	87	92	75	75	100	100	150	88	62	5	17
McHenry	95	100	75	89	104	100	101	99	36	4	10
McLean	92	95	80	95	100	97	110	100	75	7	16
Menard	94	95	87	100	99	100	103	100	43	7	14
Mercer	77	90	75	87	75	97	87	86	55	7	15
Monroe	100	100	90	97	98	100	102	98	30	5	7
Montgomery	100	102	97	100	107	102	95	97	44	6	12
Morgan	89	95	77	100	102	100	104	100	45	10	13
Moultrie	97	100	80	98	105	100	98	92	37	7	11
Ogle	94	100	92	95	98	98	99	100	58	5	13
Peoria	89	91	84	91	91	96	100	100	60	7	20
Perry	92	80	93	97	107	100	103	100	39	.....	10
Piatt	110	100	100	100	100	100	90	100	50	7	15
Pike	100	100	91	100	97	100	104	99	44	8	12
Pope	75	60	95	100	110	100	120	115	65	.....	10
Pulaski	105	100	107	100	105	102	109	100	26	5	8
Putnam	100	100	90	100	95	100	105	100	60	1	17
Randolph	...	.....	....	....	.....	.....	.....	.....	.....	.....	.....
Richland	95	87	92	95	102	100	110	100	45	5	9
Rock Island	79	97	90	100	99	100	94	100	32	7	12
Saline	100	95	102	102	95	100	103	103	32	10	7
Sangamon	97	100	92	100	102	100	102	96	67	6	18
Schuyler	85	87	75	90	90	92	92	90	55	5	15
Scott	92	97	83	93	100	100	108	100	40	5	12
Shelby	97	94	100	103	93	100	88	97	35	1	12
Stark	94	94	93	97	100	100	95	100	47	7	13
St. Clair	112	102	98	100	100	100	100	100	50	8	11
Stephenson	93	95	95	95	99	100	98	98	36	7	11
Tazewell	95	95	90	100	100	100	107	100	57	7	15
Union	100	100	80	100	100	100	93	100	.....	.....	7
Vermilion	77	97	100	100	103	100	92	97	55	2	13
Wabash	97	92	75	90	90	97	93	97	52	5	11
Warren	83	87	79	84	98	99	105	95	45	5	16
Washington	99	100	90	100	100	100	95	100	40	10	8
Wayne	85	80	85	85	100	100	90	90	34	8	6
White	84	89	89	97	100	99	99	97	37	3	9
Whiteside	82	90	70	90	101	100	105	95	45	3	12
Will	92	97	97	97	96	95	120	95	72	5	30
Williamson	87	87	95	100	100	97	95	100	47	5	9
Winnebago	83	98	86	99	95	94	95	100	39	10	13
Woodford	87	100	90	97	98	100	102	100	60	5	15

CONDITION IRISH POTATOES, JUNE 1, 1885.

NORTHERN DIVISION. Counties.	Ac'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition Jun 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Boone	97	90	95	90	96	9
Bureau	102	97	90	98	100	10
Carroll	95	75	97	90	...	9
Cook	102	97	100	94	90	9
DeKalb	101	98	97	88	90	97
DuPage	90	87	85	97	87	87
Grundy	102	92	102	92	79	103
Henderson	100	100	100	100	100	97
Henry	100	92	102	96	93	83
Iroquois	100	92	101	89	94	100
JoDaviess	101	92	94	100	96	96
Kane	101	95	99	93	96	92
Kankakee	100	100	100	100	85	100
Kendall	97	100	92	85	87	75
Knox	100	99	100	88	96	97
Lake	100	83	92	90	97	92
LaSalle	96	89	84	71	93	96
Lee	100	98	99	96	100	97
Livingston	109	91	99	97	97	90
Marshall	102	95	107	90	95	82
McHenry	99	83	102	100	95	98
Mercer	102	93	105	100	100	100
Ogle	109	97	84	79	92	100
Peoria	92	95	97	79	100	90
Putnam	100	92	97	95	104	100
Rock Island	99	99	98	101	101	81
Stark	100	92	100	87	89	94
Stephenson	100	98	94	97	96	96
Warren	99	102	107	87	102	92
Whiteside	109	98	87	88	97	105
Will	77	78	87	93	85	87
Winnebago	100	91	82	95	98	100
Woodford	102	93	112	102	103	97
Average	99	93	96	93	92	94

CENTRAL DIVISION. Counties.	Ac'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. condition June 1, 1882.	Av. condition June 1, 1881.
Adams	97	90	100	80	92	100
Brown	97	92	97	85	102	103
Calhoun	107	99	97	88	100	100
Cass	100	97	100	70	98	95
Champaign	100	100	100	88	100	92
Christian	101	89	94	99	92	84
Clark	96	85	81	97	103	98
Coles	100	95	85	80	103	92
Cumberland	102	97	87	90	103	100
DeWitt	103	92	100	100	100	104
Douglas	100	100	100	86	87	94
Edgar	100	100	91	97	109	98
Ford	100	100	104	84	100	95
Fulton	97	71	100	76	118	97
Greene	98	102	100	110	105	101
Hancock	97	100	100	87	90	97
Jersey	100	100	95	96	95	102
Logan	100	98	101	89	97	96
Macon	100	92	92	83	94	98
Macoupin	103	102	97	91	95	96
Mason	100	100	97	85	105	99
McDonough	95	100	100	76	100	93
McLean	100	90	102	85	86	96
Menard	102	96	102	86	104	101
Montgomery	110	102	80	65	96	102
Morgan	103	100	102	65	114	102
Moultrie	100	100	100	91	93	96
Piatt	100	90	97	84	94	98
Pike	100	100	100	97	110	100
Sangamon	97	85	98	85	99	101
Schuyler	90	90	102	80	80	98
Scott	92	93	99	83	105	100
Shelby	87	100	95	92	99	98
Tazewell	100	100	93	99	93	95
Vermilion	102	100	105	85	106	100
Average	99	96	97	87	99	98

SOUTHERN DIVISION. Counties.	Ac'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition June 1, 1884.	Av. condition June 1, 1883.	Av. cond tion June 1, 1882.	Av. condition June 1, 1881.
Alexander	100	100	106	109	130	90
Bond	97	96	83	83	105	102
Clay	100	100	93	100	99	105
Clinton	100	75	80	85	105	102
Crawford	106	98	86	97	106	92
Edwards	100	100	100	92	100	101
Effingham	104	94	92	92	106	102
Fayette	102	102	98	102	101	98
Franklin	103	99	90	96	111	103
Gallatin	100	101	98	97	103	103
Hamilton	105	97	95	92	95	90
Hardin	70	80	106	...	75	100
Jackson	95	95	87	96	96	92
Jasper	100	100	75	92	109	102
Jefferson	100	105	88	93	96	97
Johnson	100	94	98	95	106	100
Lawrence	100	100	100	100	106	95
Madison	102	100	93	106	95	95
Marion	92	75	70	95	110	100
Massac	102	102	102	97	104	96
Monroe	106	95	97	95	110	95
Perry	102	97	102	95	95	100
Pope	75	100	...	96	80	93
Pulaski	101	102	123	100	112	100
Randolph	93	103	99	84	101	100
Richland	104	99	97	95	100	92
Saline	100	92	100	100	101	98
St. Clair	110	100	77	91	106	105
Union	100	99	102	88	93	102
Wabash	105	97	100	97	101	102
Washington	100	100	87	100	103	95
Wayne	100	92	93	100	97	101
White	95	99	97	100	108	92
Williamson	110	100	106	97	104	86
Average	100	96	94	95	102	92

Table of Comparison for May 1881, 1882, 1883, 1884 and 1885.

	1881.	1882.	1883.	1884.	1885.
Highest barometer	30.400 inches	30.379 inches	30.450 inches	30.450 inches	30.300 inches.
Lowest "	29.170 "	29.020 "	28.890 "	28.830 "	29.182 "
Mean "	29.810 "	29.790 "	29.835 "	29.898 "	29.859 "
Range of "	1.230 "	1.359 "	1.560 "	1.620 "	1.118 "
Mean relative humidity.	64.70 per cent.	71.70 per cent.	69.10 per cent.	65.11 per cent	66.81 per cent.
Highest temperature.	94°.	90°.	91°.	89°.	92°.
Lowest "	30°.	27°.	29°.	24°.	28°.
Mean "	69°.08.	58°.06.	57°.94.	50°.40	60°.69.
Range of "	64°.	33°.	62°.	65°.	64°.
Greatest daily range of temp.	30°.60	27°.50		41°.	42°.
Least " "	1°.	2°.50.		1°.	0°.
Mean " "	15°.20	14°.94.		16°.41	17°.67.
Average number of clear days.	13.	6.		9.	7.
Average number of fair days	10.	11.		14.	17.
Average number of cloudy days	8.	14.		8.	7.
Number of days on which rain fell.	9.	14.	13	9.	8.
Greatest rainfall	4.50 inches, at Upper Alton.	10.92 inches at Canton.	8.55 inches at Sycamore.	5.30 in. at Maseoutah.	6.38 in. at Mattoon.
Least rainfall	0.50 inches, at Genesco	2.96 in. at Greenville.	2.09 inches at Palestine	0.20 in. at Petersburg.	1.37 in. at Oquawka
Mean rainfall.	2.48 "	6.48 inches.	5.81 inches.	2.89 inches.	2.95 inches
Average daily rainfall	0.080 "	0.209 "	0.188 inches.	0.093 inches.	0.095 "
Prevailing direction of wind.	S. W	N. E.	S. W.	N. E. & N. W.	N. W.

STATE SUMMARY FOR APRIL, 1885.

Highest barometer, 30.300 inches, at Griggsville. Lowest barometer, 29.182 inches, at Peoria. Mean barometer, 29.859 inches. Range of barometer, 1.118 inches. Mean relative humidity, 66.81 per cent. Highest temperature, 92°, at Wilton Centre, Bunker Hill and Maseoutah. Lowest temperature 28° at Polo. Mean temperature, 60° 69. Range of temperature, 64°. Greatest daily range of temperature, 42°, at Wilton Centre. Least daily range of temperature, 0°, at Swanwick. Mean daily range of temperature, 17°.67. Average number of clear days, 7. Average number of fair days, 17. Average number of cloudy days, 7 Average number of days on which rain fell, 8. Greatest number of days on which rain fell, 14, at Mattoon. Least number of days on which rain fell, 4, at Fairfield. Mean rain-fall, 2.95 inches. Average daily rain-fall, 0.095 inches. Greatest rain-fall, 6.38 inches, at Mattoon. Least rain-fall, 1.37 inches, at Oquawka. Prevailing direction of wind, N. W.

Summary for May, 1885.

STATIONS.	Highest Barometer....	Date	Lowest Barometer.....	Date	Mean Barometer.....	Range of Barometer...	Mean Relative Humidity.....	Highest Temperature..	Date	Lowest Temperature ..	Date	Mean Temperature ....
NORTHERN DIVISION.												
County. *Post Office.*												
McHenry..Marengo....	.....	....	.....	.....	.....	.....	.....	85.20	24th	38.70	7th	54.40
Cook.....Chicago	30.152	15th	29.510	5th	29.899	0 642	70.90	80.40	24th	33 80	7th	52.80
Kane .....Aurora.....	30.120	15th	29.520	5th	29.870	0.600	71.00	85.00	24th	31.00	7th	57.43
DeKalb. . Sycamore...	....	.....	.....	.....	.....	.....	.....	83.00	26th	31 00	7th	54.21
Ogle.....Polo.....	.....	.....	.....	.....	.....	. ....	.....	89.00	23th	28.00	7th	52.90
Carroll.....Mt. Carroll.	.....	.....	.....	....	.....	.....	.....	85. 0	23th	38.00	26th	62.44
Rock Is'd.Davenp't,(Ia)	30.197	2nd	29.534	5th	29.910	0.663	65.40	84.70	24th	29.30	7th	57.80
Rock Island. Rock Isl'd.	..	.....	.....	.....	.....	.....	.....	89.00	25d	29.00	6th	59.61
Will..... Wilton Centre	30.130	.....	29.510	.....	29.880	0.620	. . ..	92.00	24th	29.00	3d	56.00
Knox.....Oneida.....	.....	.....	.....	.....	.... ..	.....	.....	86.00	24th	38.00	7th	59.91
Henderson.Oquawka...	.....	....	..	.....	..... .	.... .	.....	82.00	21st	35.00	6th	60.45
Peoria.....Peoria	29.754	15th	29.182	6th	29.530	1.562	61.00	89 00	24th	37.00	10th	63.66
Iroquois.....Watseka.	.....	....	.....	.....	.....	.....	... .	88.00	24th	33.00	7th	60.00
Sums.....	.....	....	.....	.....	149.089	.....	268.30	....	.....	.....	....	751.61
Means.....	.....	....	.....	.....	29.818	.....	67 07	.....	.....	.....	.....	57.82
CENTRAL DIVISION.												
Hancock..Keokuk,(Ia)	30.168	2d	29.556	5th	29.907	0 612	69.00	83.70	24th	32.00	7th	60.60
Sangamon Springfield..	30.152	2d	29.547	5th	29.897	0.605	62 90	82.49	24th	38.00	7th	61 50
Champaign.Philo	30.210	15th	29.620	6th	29.800	0 590	.....	74.00	24th	37.00	7th	60.55
Piatt .....Atwood.....	.....	.....	.....	.....	.....	.....	.....	74.00	21st	41.00	9th	59.00
Douglas...Hugo.....	....	.....	.....	.....	.....	...	.....	84 00	23d	38 00	7th	62.09
Pike.....Griggsville..	30.300	2d	29.690	5th	30.030	0.610	.....	85.00	23d	34 00	7th	56.50
Coles .....Mattoon.....	.....	.....	.....	.....	.....	.....	.....	83.00	....	34.00	.....	62.00
Christian..Pana..... ...	.....	.....	.....	.....	..... .	.....	.... .	81.00	22d	41.00	7th	62.42
M'ntg'm'y.Litchfield...	.....	. ...	.....	.....	.....	.....	.....	88.00	23d	32.25	10th	...
Macoupin Bunker Hill.	.....	....	.....	.....	.....	....	.....	92.00	24th	34.00	8th	62.06
Sums.....	.....	... .	.....	.....	119.684	... ..	131.90	.....	... .	....	..	546.63
Means.....	.....	. .	.....	.....	29.921	.....	65.95	.....	....	.....	. ...	60.74
SOUTHERN DIVISION.												
Crawford..Palestine ...	.....	.....	..	.....	.....	....	.....	86 00	17th	43 00	8th	63.97
Fayette. ..Vandalia. ..	30.120	14th	29.550	5th	29.880	0.570	.....	91.00	24th	42.00	8th	65.00
Bond.....Greenville..	.....	.....	.....	.....	.....	.....	.....	89.00	23d	41.00	9th	64.10
Clinton. ..Carlyle.....	.....	....	.....	.....	.....	.....	.....	82.00		36 00	. . .	63.40
Madison ..Collinsville..	.....	.....	.....	.....	.....	....	.....	89.50	24th	30.00	8th	62 20
Marion....Centralia. ..	.....	....	.....	.....	.....	.....	.....	84.00	24th	30.00	9th	63.57
St.Clair..St.Louis,(Mo.)	30.156	2d	29.548	6th	29.918	0.698	66.60	91.00	24th	40.50	7th	64.90
St Clair ..Mascoutah..	.....	.....	.....	.....	.....	.....	.....	92.00	24th	38.00	7th	.....
Wayne....Fairfield ...	.....	.....	.....	.....	.....	.....	.....	90.00	24th	44.00	8th	60.52
Hamilton..McL'nsboro.	.....	.....	.....	.....	.....	.....	.....	90.00	24th	32.00	8th	60.20
Willi'm'sn.Marion.....	.....	.....	.....	... .	.....	.....	.....	90.00	24th	42.00	7th	67.01
Union.....Anna.....	30.240	15th	29.640	6th	29.970	0.600	.....	88.00	24th	32.00	8th	64.24
Perry.. Swanwick...	.....	.....	.....	.....	.....	.....	.....	86.00	24th	40 00	7th	63.24
Alexander Cairo.....	30.149	9th	29.533	6th	29.928	0.616	67.70	89.30	24th	40.20	8th	65.60
Sums	.....	....	.....	.....	119.696	.....	134 30	.....	.....	.....	....	825.95
Means.....	. .	....	.....	.....	29.924	.....	67.15	.....	....	.....	..	63.60
State Average.....	.....	.....	.....	.....	29 859	.....	67.81	.....	.....	.....	. .	60.75

Summary for May, 1885.—Continued.

STATIONS.	Range of Temperature	Greatest Daily Range of Temperature.....	Date	Least Daily Range of Temperature.....	Date	Mean Daily Range of Temperature.....	Number of Clear Days.	Number of Fair Days..	Number of Cloudy D'ys	Days on which rain fell.	Total Rainfall for Month.....	Average Daily Rain-fall.....	Direction of Wind.....
NORTHERN DIVISION.													
County. *Post Office.*													
McHenry....Marengo.....	56.50	20.80	21st	4.60	29th	14.29	10	12	9	10	1.72	.055	NE. SW
Cook.....Chicago	46.60	28.90	24th	3.10	19th	14.50	11	13	7	11	3.17	.102	N
Kane.....Aurora..	54.00	33.00	14th	4.00	18th	20.90	6	19	6	7	3.16	.102	NE
DeKalb.....Sycamore....	52.00	26 00	14th	4.00	20th	15.22	9	13	9	9	1.65	.053	NE
Ogle..... Polo	61.00	33.00	14th	3.00	17th	20.29	9	12	12	10	2.31	.074	NE NW
Carroll .....Mt. Carroll...	47.00	28.00	21st	5.00	18th	16.59	..	...	...	...	.....	.....	.....
RockIsl'd.D'v'np't. (Ia.)..	55.40	31.00	13th	7.70	17th	19 80	6	17	8	6	1.94	062	NW
Rock Island. Rock Island..	50.00	29.00	13th	5.00	29th	18.68	..	..	...	5	2.92	.074	....
Will. .....Wilton Center.	63.00	42.00	13th	14.00	29th	28.52	9	19	3	7	1.61	.052	NE
Knox. .....Oneida..... ..	48 00	28.00	20th	6.00	17th	16.26	2	24	5	8	2.57	.083	W.NW
Henderson..Oquawka	47.00	26.00	13th	4.00	18th	14.97	5	15	11	5	1.37	.044	SW
Peoria .. ...Peoria. ..	52.00	..	....	.....	.....	.....	..	....	...	8	1.70	.055	S
Iroquois.....Watseka	55.00	37.00	14th	10.00	30th	24.35	..	. ..	...	...	....	.....	.....
Sums.....	. ....	----	....	.....	..	224.37	67	144	70	86	24.12	.776	.....
Means.....	.....	.....	....	.. ..	.....	18.70	7	16	8	8	2.10	.070	.....
CENTRAL DIVISION.													
Hancock...Keokuk (Ia)...	51.50	28.60	26th	5.50	28th	.....	10	17	4	8	2.59	.083	NW
Sangamon..Springfield ..	47.40	29.20	20th	5.60	28th	17.90	6	18	7	11	2 78	.090	NW
Champaign.Philo..... ..	47.00	....	....	.....	.....	.. ..	..	...	...	5	3 57	.115	NE
Piatt .....Atwood.....	33.00		....	.....	.....	....	..	....	...	.	.	.....	... .
Douglas.....Hugo.....	46.00	36.00	20th	2.00	28th	.....	4	25	2	6	3.43	.111	SW
Pike ... ...Griggsville...	51.00	25.00	11th	1.00	17th	15.42	3	25	3	8	2.94	.095	SW
Coles.....Mattoon.	49.00	....		.....	.....	.....	..	....	...	14	6.38	.206	.....
Christian....Pana..	40.00	26 00	20th	2.00	28th	12.26	5	19	7	5	5.41	.174	SW.NW
Montg'mery.Litchfield.....	55.75	23.00	21st	2.00	6th	12.37	.	...	...	6	2.97	.096	SW
Macoupin.Bunker Hill.....	58.00	38.00	13th	12.00	28th	26.16	..	....	...	11	1.89	.061	.....
Sums.....	.....	....	...	.....	.....	86.11	28	104	23	74	31.96	1.031	.....
Means.....	.....	.....	....	.....	.....	16.42	6	21	4	8	3 55	.114	.....
SOUTHERN DIVISION.													
Crawford...Palestine... ..	43.00	27.00	20th	4.00	7th	12.78	8	18	5	9	2.85	.092	NW
Fayette ...Vandalia.... ..	49.00	25.00	20th	1.00	28th	13.90	..	....	...	...	...	.....	N
Bond.... ...Greenville. ..	48.00	28.00	14th	4.00	28th	16.42	..	....	...	8	5.19	.167	NE NW
Clinton.....Carlyle.....	46.00	. ..		.....	.....	.....	..	....	...	13	3.72	.120	.....
Madison ..Collinsville	54.50	33.00	16th	2.00	17th	18.85	..	...	...	8	2.44	.079	.....
Marion.....Centralia . ..	54.00	34.00	4th	7.00	7th	21.93	10	1	10	6	2.82	.091	SE
St. Clair..St.Louis (Mo). ..	50.50	27.50	20th	6.40	6th	15.90	7	17	7	11	2.80	.090	NW
St. Clair ....Mascoutah...	54.00	34.00	21st	4.00	26th	21.71	..	...	..	8	2.30	.074	.....
Wayne ..... Fairfield. . ..	56.00	30.00	16th	1.00	6th	18.55	9	11	11	4	3.36	.108	SW
Hamilton M'Leansboro....	58.00	33.00	11th	5.00	28th	21.42	6	14	11	12	2.51	.081	NW
Williamson..Marion	48.00	21.00	1st	4.00	28th	11.16	7	22	2	5	3.73	.120	.....
Union.....Anna	56.00	.....	...	... ..	.....	.....	..	....	...	8	2.24	.072	S
Perry. ..... Swanwick....	46.00	20.00	24th	0.00	30th	...	..	...	.	9	4.26	.137	NW
Alexander..Cairo..... ..	49.10	22.90	....	9 00	.....,	15.80	6	20	5	12	3.21	.103	N
Sums....	.....	....	....	.....	.....	188.42	53	113	51	113	41.43	1.334	.....
Means.....	....	.....	....	.....	.....	17.13	8	16	7	9	3.19	.103	.....
State Average	.....	.....	....	.....	.....	17 67	7	17	7	8	2.95	.095	.....

Summary of Meteorological Observations for the Month of May, 1885, made to the Department of Agriculture, June 1, 1885. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.

STATIONS.	Elevation above sea level	BAROMETER. Highest barometer during month	BAROMETER. Lowest	BAROMETER. Mean	THERMOMETER. Highest temperature	THERMOMETER. Lowest	THERMOMETER. Mean	HUMIDITY. Mean	*WIND. Prevailing	*WIND. Maximum velocity or force	RAIN. Total rainfall or melted snow	RAIN. No. of days on which 0.01 or more rain or melted snow fell	RAIN. No. of days on which cloudiness averaged 8 or more on a scale of ten	Depth of snow, in inches, on ground at close of month	Total snowfall, in inches, during the month
	Feet.	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inches	No.	No.	Inches	Inches
NORTHERN DIVISION.															
County. *Post Office.*															
McHenry.....Marengo	925				85.20	28 70	54.40		N E & N W.	6	1.72	10	9		
Cook.....Chicago	661	30.152	29.510	29.899	80.40	33.80	52.80	70.90	N.	6	3.17	11			
Kane.....Aurora	676	30.120	29.520	29.870	85.00	31.00	57.43	71.00	N E.	5	3.16				
De Kalb.....Sycamore	800				83.00	31.00	54.21		N E.	5	1.65	9	9		
Ogle.....Polo					89.00	28.00	52.90		N E & N W.		2.31	10	9		
Carroll.....Mt Carroll					85.00	38.00	62 44								
Rock Island....Davenport, (Ia.)		30.197	29.534	29.910	84.70	29.30	57.80	65.40	N W.	5	1.94	6	8		
Rock Island...Rock Island					89.00	29.00	59.61				2.92	5			
Will.....Wilton Centre	600	30.130	29.510	29.880	92.00	29.00	56.00		N E.	5	1.61	7	9		
Knox.....Oneida					86.00	38.00	59.91		W & N W		2.57	8	11		
Henderson.....Oquawka					82.00	35.00	60.45		S W.		1.37	5	16		
Peoria.....Peoria	490	29.754	29.182	29.530	89.00	37.00	63.66	61.00	S.	5	1.70	8	5		
Iroquois.....Watseka					88.00	33.00	60.00								
Sums				149 089			751.61	268.39		37	24.12	86	90		
Means				29.818			57.82	67.07		5	2.19	8	9		
CENTRAL DIVISION.															
Hancock.....Keokuk, (Ia.)		30.168	29.556	29.906	83.70	32.20	60.60	69 00	N W.	4	2.59	8	13		
Sangamon.....Springfield	644	30.152	29.547	29.897	82.40	38.00	61.50	62.90	N W.	4	2.78	11	11		

Champaign	Philo		30.210	29.620	29.850	84.00	37.00	60.55		N E.	4	3.57	5	4
Piatt	Atwood					74.00	41.00	59.00						
Douglas	Hugo					84.00	38.00	62.00		S W.	4	3.43	6	12
Pike	Griggsville	625	30.300	29.690	30.030	85.00	34.00	56.50		S W.	4	2.94	8	4
Coles	Mattoon	728				84.00	35.00	62.00				6.38	14	
Christian	Pana	760				81.00	41.00	62.42		S W & N W.	10	5.41	5	18
Montgomery	Litchfield.					89.00	32.25			S W.		2.97	6	
Macoupin	Bunker Hill					92.00	34.00	62.06			4	1.89	11	
Sums					119.683			546.63	131.90		34	31.96	74	62
Means					29.921			60.74	65 95		5	3.55	8	10
SOUTHERN DIVISION.														
Crawford	Palestine					86.00	43.00	63.97		N W.	3	2.85	9	4
Fayette	Vandalia		30.120	29.550	29.880	91.00	42.00	65.00		N.				15
Bond	Greenville					89.60	41.00	61.10		W & N W.		5.19	8	9
Clinton	Carlyle					82.00	36.00	63.40				3.72	13	
Madison	Collinsville					89.50	35.00	62 20				2.44	8	
Marion	Centralia	492				94.00	30.00	63.57		S E.	4	2.82	6	10
St. Clair	St Louis, (Mo.)		30.156	29.548	29.918	91.00	40.50	64.90	66.60	N W.	5	2.80	11	7
St. Clair	Mascoutah					92.00	38.00					2.30	8	
Wayne	Fairfield.					90 00	34.00	60 52		S W.		3.36	4	
Hamilton	McLeansboro					90.00	32.00	60.20		N W.	4	2.51	12	13
Williamson	Marion					90.00	42.00	67.01				3.73	5	
Union	Anna	630	30.240	29.640	29.970	88.00	32.00	62.24		S.	4	2.24	8	1
Perry	Swanwick					86.00	40.00	63.24		N W.	4	4.26	9	
Alexander	Cairo	377	30.149	29.533	29.928	89.30	40.20	65.60	67.70	N.	4	3.21	12	
Sums					119.696			827.95	134.30		28	41.43	113	59
Means					29.924			63.60	67 15		4	3.19	9	8
State Average					29.859			60.75	66.81		5	2.95	8	9

*WIND—Maximum velocity or force is estimated as follows: 1 Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze, varies between 3 and 5 miles per hour 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10. Most violent hurricane, varies from 100 upwards.

Distribution and Amount of Precipitation for May 1885, Reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry..... Marengo...	....	...	.01	..	66	.06	...	.03	...	...	..	.03	...	...	...	....	.07	.03	...	. .	...	...	...	.07	...	...	....	...	.76	....	...	....
Cook..... .....Chicago..	.02	...	.11	...	.61	.01	...	.03	.02	...	...	.08	...	...	...	....	.15	...	...	...	...	....	...	.22	...	....	...	..	1.23	.69	...	.....
Kane..... ..... Aurora.....	....	...	.03	...	1.52	...	...	.02	...	...	...	...	..	...	...	....	.45	...	...	...	...	....	...	.17	...	....	....	...	.93	.04	...	3 16
DeKalb. ....Sycamore.....	...	...	.05	10	.30	.05	...	.05	.	...	...	.10	...	...	...	..	.10	..	...	...	...	....	...	....	...	...	..	.10	.80	....	...	1.65
Ogle... ....Polo	....	...	.05	.12	.84	.04	.01	.06	...	...	...	..	..	...	...	....	.14	.01	...	...	...	....	...	'14	...	..	....	....	.90	...	...	2.31
Rock Island..... Davenport(Ia)..	.13	...	..	.20	.41	...	...	...	...	...	...	...	...	...	..	..	.36	...	..	...	....	....	...	....	...	....	....	.27	.57	....	.	1 94
Rock Island..... Rock Island.....	.30	...	.92	...	.10	....	.	...	..	...	..	...	...	...	...	....	.80	...	...	...	...	....	..	..	...	....	....	.80	.	..	...	2.92
Will..... .Wilton Centre..	..	...	...	...	.18	....	...	...	...	...	...	.25	...	...	...	....	02	...	...	...	...	....	...	.05	.14	..	...	....	.89	.08	. .	1.61
Knox..... Oneida.....	.02	...	.14	...	.20	...	...	...	...	...	..	...	...	...	...	...	.25	...	...	..	...	....	...	.25	.3	....	.08	.50	1 13	....	...	2.57
Henderson..... Oquawka	.25	...	....	.12	...	....	...	...	...	...	...	...	...	...	.	....	.12	...	...	...	...	....	...	...	...	....	...	.50	.37	...	...	1.37
Peoria.... ....Peoria	....	...	.05	...	.77	...	...	..	...	...	...	.07	...	...	...	....	.05	...	...	...	....	.	...	.05	...	..	...	.42	.15	.04	...	1.70
Sums.	.72	...	1.36	.54	5.59	.16	.01	.19	.02	...	...	.53	...	...	...	...	2.52	.04	..	...	....	....	...	.95	.14	....	.08	2.69	7.73	.85	...	24.12
Means	.14	...	.17	.13	.56	.04	.01	.04	.02	...	...	.16	...	...	...	...	.23	.02	...	...	....	....	...	.13	.14	...	.08	.45	.77	.21	...	2.19
CENTRAL DIVISION.																																
Hancock.....Keokuk (Ia.)....	.20	...	....	...	.21	...	. .	...	...	. .	...	...	...	...	...	...	1.05	...	...	. .	. .	....	...	.11	...	....	.02	.80	.14	.06	...	2.59
Sangamon.....Springfield	.04	.02	....	...	.57	..	..	..	..	...	..	.07	...	...	...	....	.01	...	...	...	...	....	.04	.61	...	....	.01	1.18	.14	.09	. .	2.78
Champaign . .....Philo.....	....	. .	...	...	....	.50	..	...	..	...	...	.05	...	...	...	....	...	...	...	...	...	...	...	.50	...	..	.	1.50	1.02	....	...	3.57
Douglas.....Hugo.....	...	...	...	...	....	1.13	...	...	...	...	...	.25	...	...	...	....	.07	...	...	...	...	...	...	.60	...	....	..	.88	.50	...	...	3.43
Pike.....Griggsville.	.08	...	....	...	.90	....	...	...	...	...	...	...	...	...	...	.01	.30	...	...	...	...	..	...	.24	...	....	.05	1 08	...	.25	...	2.94
Coles .....Mattoon.... ...	....	..	.01	...	.01	.60	...	...	...	...	...	.34	...	...	..	....	.02	...	...	...	.02	.03	.01	.18	.64	...	.01	3.71	.05	.75	...	6.38
Christian.....Pana	....	...	....	...	...	1.00	...	...	...	...	...	...	...	...	...	....	....	..	...	...	....	....	...	1 00	...	...	.08	3.08	....	.25	...	5.41
Montgomery.....Litchfield.	.05	...	....	...	...	.21	...	...	...	...	...	.04	...	...	...	....	....	...	...	...	...	..	...	.11	...	....	....	1.95	..	.61	...	2.97
Macoupin.....Bunker Hill....	.06	...	...	..	.34	....	...	...	...	...	...	.10	..	...	...	....	.03	...	...	...	.05	.02	...	.20	...	.05	.47	.14	...	.43	...	1.89
Sums.....	.43	.02	.01	...	2.03	3.44	...	...	...	...	...	.85	...	...	...	.04	1.48	...	...	..	07	05	.05	3.55	.64	.05	.64	1432	1.85	2.44	...	31.96
Means.	.08	.02	.01	...	.41	.69	...	...	...	...	...	.14	...	...	...	.04	.25	...	...	...	.03	.02	.02	.39	.64	.05	.11	1.59	.37	.35	...	3.55

SOUTHERN DIVISION.

Crawford	Palestine	...	...	....	...	...	.23	..	...	...	...	...	.01	...	...	...	....	....	...	...	...	.25	.12	...	.72	...	....	15	.25	.95	.15	...	2.85
Bond	Greenville	.10	..	....	...	.20	..	...	...	...	...	...	...	...	...	...	....	....	.10	...	...	.52	. .	...	1.00	...	....	.52	2.00	....	.75	...	5.19
Clinton	Carlyle	.13	.07	.	...	...	.27	..	...	...	...	...	.19	...	...	...	...	.09	..	...	...	.08	.12	...	.41	. .	.26	.14	1.24	.52	.20	...	3.72
Madison	Collinsville	...	...	.04	...	.15	....	...	...	...	...	...	.12	...	...	...	...	...	.10	...	...	...	....	...	.75	. .	.77	....	.27	.24	..	...	2.44
Marion	Centralia	....	...	....	...	...	.41	...	...	...	...	.32	..	...	...	...	...	...	...	...	...	.12	...	...	....	...	1.15	...	....	.55	.07	...	2.82
St. Clair	St. Louis (Mo.)	....	...	....	...	.15	.15	...	...	..	...	...	11	...	...	...	.20	.02	...	...	...	.38	....	...	.57	...	...	.85	.21	.03	.13	...	2.80
St. Clair	Mascoutah	..	...	....	...	.10	...	...	...	...	.20	...	...	...	...	...	....	....	...	...	...	.10	..	...	.10	...	.80	....	.70	.20	10	...	2.30
Wayne	Fairfield	..	...	....	...	...	.12	...	...	...	...	...	.16	...	...	...	....	....	...	...	...	...	....	...	..	...	.50	2.58	....	....	....	...	3.36
Hamilton	McLeansboro	.05	...	...	...	...	.16	.66	...	...	...	...	.15	...	...	...	....	....	...	...	...	.49	01	...	.08	...	.05	.60	.61	.11	.06	...	2.51
Williamson	Marion	....	...	....	...	....	.08	...	...	...	...	...	...	...	...	...	..	...	...	.55	...	....	1.00	...	...	...	....	....	.35	1.75	....	...	3.73
Union	Anna	...	..	....	...	....	.35	05	...	...	...	...	.02	...	...	...	....	....	.17	...	...	.16	...	.53	..	...	..	.83	.33	....	....	...	2.24
Perry	Swanwick	....	...	...	...	..	.	...	...	...	...	...	...	...	...	...	....	....	...	...	...	....	....	...	..	. .	..	....	..	....	....	...	4 26
Alexander	Cairo	....	...	....	...	...	.57	...	...	...	...	...	06	...	...	.	....	. .	.05	.05	...	.03	.13	.03	....	...	.81	.84	.50	.12	.02	...	3.21
Sums		.28	.07	.04	...	.60	2.36	.11	...	...	.20	.32	.84	...	...	...	.20	.11	.42	.60	...	2.13	1.41	.36	3.63	...	4.46	6.51	6.49	4.57	1.48	...	21.43
Means		.09	.07	.04	...	.15	.29	.65	...	...	.20	.32	.10	...	...	...	.20	.05	.10	.30	...	.24	.28	.18	.52	...	.63	.81	.65	.51	.18	...	3.19
State Average		.111	.01	.14	.13	.43	.33	.01	.01	.02	.20	.32	.12	..	. .	...	.12	.22	.11	.30	...	.24	.21	.10	.31	.39	.56	.48	.94	.59	.25	...	2.95

Daily Mean Temperature for May, 1885, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	TEMPERATURE, IN DEGREES, ON EACH DAY OF THE MONTH.																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry.....Marengo.....	43	38	45	58	49	47	36	39	41	45	46	52	57	62	65	67	64	49	43	52	61	64	68	70	66	67	59	58	53	59	65	54
Cook.....Chicago.....	41	40	47	51	55	43	39	43	42	44	44	53	55	61	67	71	69	48	42	48	52	53	55	64	65	65	53	55	52	56	63	53
Kane.....Aurora.....	48	43	48	39	55	49	37	42	48	45	38	53	59	64	67	69	68	57	41	54	63	69	69	73	68	69	64	62	57	62	69	57
DeKalb.....Sycamore.....	44	39	45	42	51	48	37	39	41	45	49	47	56	59	63	67	66	49	43	49	63	66	68	68	64	70	61	61	54	58	65	54
Ogle.....Polo.....	46	41	46	51	48	45	34	38	40	43	50	53	58	59	60	63	62	47	47	55	64	66	68	70	67	67	65	60	53	63	64	55
Carroll.....Mt. Carroll.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	64	63	63	61	49	44	57	64	65	70	70	64	67	63	64	59	71	62
Rock Island.....Davenport, (Ia.).....	49	48	51	57	56	47	38	43	41	48	53	57	59	63	66	66	61	50	50	58	63	70	71	70	67	71	66	61	60	64	67	58
Rock Island.....Rock Island.....	52	50	51	59	56	50	41	47	44	45	51	60	60	64	69	91	62	50	57	63	67	70	72	71	70	72	72	62	62	66	69	60
Will.....Wilton Centre.....	45	39	43	59	52	48	38	43	40	43	51	55	56	62	64	67	67	50	46	54	60	64	63	70	65	70	63	64	63	59	67	56
Knox.....Oneida.....	51	50	48	62	58	49	41	46	42	49	59	59	62	66	67	69	64	53	49	60	68	70	76	74	69	74	66	61	64	62	66	60
Henderson.....Oquawka.....	51	54	66	64	62	53	42	47	51	51	58	62	63	64	68	64	61	53	49	57	64	69	69	72	68	66	67	63	63	64	69	60
Sums.....	470	442	490	542	542	479	383	427	430	458	499	551	585	624	720	737	707	567	516	594	682	725	744	772	739	755	703	670	645	672	735	62 9
Means.....	47	44	49	54	54	48	38	43	43	46	50	55	58	62	65	67	64	51	47	54	62	66	68	70	67	69	64	61	59	61	67	5 7
CENTRAL DIVISION.																																
Hancock.....Keokuk, (Ia.).....	52	51	56	62	60	52	40	47	45	51	57	59	60	64	67	67	62	57	53	62	66	70	72	73	70	70	68	65	64	64	70	61
Sangamon.....Springfield.....	54	52	55	62	66	55	43	49	46	51	59	58	63	64	65	68	65	61	54	63	67	69	72	69	70	71	68	65	68	63	69	61
Champaign.....Philo.....	49	46	50	55	65	51	40	46	43	48	57	59	65	69	69	69	67	62	52	63	61	67	72	73	72	75	67	68	66	61	68	60
Douglas.....Hugo.....	52	50	52	62	67	57	45	49	44	49	58	58	63	62	68	70	70	62	54	66	65	70	75	68	70	72	70	67	67	63	68	62
Pike.....Griggsville.....	59	48	45	62	62	52	39	47	44	48	56	56	59	62	64	66	63	56	55	63	67	71	72	71	68	68	66	66	65	60	67	56
Coles.....Mattoon.....	55	51	52	62	67	60	41	48	47	49	58	58	63	64	68	68	71	64	55	66	67	70	75	71	71	71	69	69	68	64	67	62
Christian.....Pana.....	53	53	61	65	67	59	45	45	47	51	57	58	61	65	67	70	66	63	56	65	66	73	72	71	70	70	68	65	67	63	70	62
Sums.....	374	351	371	430	454	386	293	331	316	347	402	406	434	450	468	478	464	425	379	448	459	490	510	496	491	497	476	465	465	438	479	424
Means.....	53	50	53	61	65	55	42	47	45	49	57	58	62	64	67	68	66	61	54	64	65	70	73	71	70	71	68	66	66	62	68	60

SOUTHERN DIVISION.

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Comparison of the Precipitation and Mean Temperature for May, 1885, with the Corresponding Month of Former Years.

STATION.	PRECIPITATION.				MEAN TEMPERATURE.			
	Average Precipitation for May, 1885	Number of Years	Precipitation for May, 1885	* Difference	Average Temperature for May	Number of Years.	Mean Temperature for May, 1885	* Difference
NORTHERN DIVISION.								
County. *Post Office.*								
McHenry ..... Marengo	3.42	24	1.72	—1.70	56.90	24	54.40	—2.50
Cook ..... Chicago	3.80	14	3.17	—0.63	56.60	14	52.80	—3.80
Kane ..... Aurora	4.22	3	3.16	—1.06	57.39	3	57.43	+0.04
DeKalb ..... Sycamore	4.14	5	1.65	—2.49	57.68	5	54.21	—3.47
Ogle ..... Polo	3.74	3	2.31	—1.43	54.86	4	52.90	—1.96
Carroll ..... Mt. Carroll	.....	.....	.....	.....	62.44	1	62.44	.....
Rock Island ... Davenport (Ia)	4.28	14	1.94	—2.34	61.28	13	57.80	—3.48
Rock Island .... Rock Island	2.92	1	2.92	.....	59.61	1	59.61	.....
Will ..... Wilton Centre	1.61	1	1.61	.....	56.00	1	56.00	.....
Knox ..... Oneida	2.57	1	2.57	.....	59.91	1	59.91	.....
Henderson ..... Oquawka	1 37	1	1.37	.....	60.45	1	60.45	.....
Peoria ..... Peoria	1.70	30	1.70	—2.10	63.80	30	63.66	—0.14
Iroquois ..... Watseka	.....	.....	.....	.....	60.00	1	60.00	.....
CENTRAL DIVISION.								
Hancock ..... Keokuk, (Ia.)	4.32	14	2.59	—1.73	63.21	14	60 60	—2.61
Sangamon ..... Springfield	5.40	6	2.78	—2.62	63 35	6	61.50	—1.85
Champaign ..... Philo	3.57	1	3.57	.....	60.55	1	60.55	.....
Piatt ..... Atwood	.....	.....	.....	.....	59.00	1	59.00	.....
Douglas ..... Hugo	3.43	1	3.43	.....	62.00	1	62.00	.....
Pike ..... Griggsville	5.80	4	2.94	—2.86	58.00	4	56.50	—1.50
Coles ..... Mattoon	5.12	6	6.38	+1.26	64.33	6	62 00	—2.33
Christian ..... Pana	3.99	3	5.41	+1.42	62.66	3	62.42	—0.24
Montgomery ..... Litchfield	2.97	1	2.97	.....	.....	.....	.....	.....
Macoupin ..... Bunker Hill	1.89	1	1.89	.....	.....	.....	.....	.....
SOUTHERN DIVISION.								
Crawford ..... Palestine	3.45	3	2.85	—0.60	62.05	3	63.97	+1.92
Fayette ..... Vandalia	.....	.....	.....	.....	65.00	1	65.00	.....
Bond ..... Greenville	5.19	1	5.19	.....	64.10	1	64.10	.....
Clinton ..... Carlyle	3.72	1	3.72	.....	63.40	1	63 40	.....
Madison ..... Collinsville	4.60	.....	3.44	—2.16	66.20	.....	62 20	—4.00
Marion ..... Centralia	4.34	5	2.82	.....	65.21	5	63.57	—1.64
St. Clair ..... St. Louis, (Mo).	3.71	15	2.80	—0.91	66 12	15	64.90	—1.22
St. Clair ..... Mascoutah	5.24	4	2.30	—2.94	.....	.....	.....	.....
Wayne ..... Fairfield	3.01	3	3 36	+0.35	62.69	3	60.52	—2.17
Hamilton ..... McLeansboro	4.59	4	2.51	—2.08	67 59	4	60.20	—7.39
Williamson ..... Marion	3.73	1	3.73	.....	67.01	1	67.01	.....
Union ..... Anna	4.70	10	2.24	—2.46	66.90	10	64.24	—2.66
Perry ..... Swanwick	4.30	4	4.26	—0.04	63.14	2	63.24	+0.10
Alexander ..... Cairo	4.20	14	3.21	—0.99	67.60	14	65.60	—2.00

* In the columns marked difference, the + sign denotes an excess, and the — sign a deficiency for May, 1885. The precipitation is expressed in inches, the temperature in degrees, Fahrenheit.

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1853. 1885.

THIRTY-THIRD ANNUAL

ILLINOIS STATE FAIR

AT CHICAGO, SEPTEMBER 14th TO 19th, 1885.

EXHIBITION AT THE

DRIVING PARK, WEST MADISON STREET.

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SPRINGFIELD, ILL

ILLINOIS STATE FAIR—At Chicago September 14, 1885.
AMERICAN FAT STOCK AND DAIRY SHOW—At Chicago November 10, 1885

STATISTICAL REPORT

— OF THE —

Illinois State Board of Agriculture,

— FOR —

JULY, 1885.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS, AS TO THE CONDITION OF THE CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

TOGETHER WITH

METEOROLOGICAL RECORD FOR JUNE, 1885,

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

CHARLES F. MILLS, SECRETARY,
SPRINGFIELD.

CIRCULAR 124.

SPRINGFIELD, ILL.
JOURNAL CO., STATE PRINTERS AND BINDERS.
1885.

Illinois State Board of Agriculture,

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ILLINOIS CROP REPORT,

—FOR—

JULY, 1885.

Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Meteorological Record, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, July 1, 1885.

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of July.

The correspondents of the Department are, as a rule, farmers of extended experience and deeply interested in the accuracy of the returns.

A large number of the correspondents have been reporting to this Department during the past nine years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number nearly six hundred, and are so distributed over the State as to represent each locality.

SEASON.

The monthly Weather Review published elsewhere in this report gives the Summary of Meteorological observations compiled from the reports received at this office for the past month.

CORN.

The prospects are encouraging for nearly as large an average yield of corn per acre in al portions of the State as at the corresponding date last season. The present area of corn i larger than last season in all the central and southern counties and with few exceptions i all the northern counties. There has been considerable improvement in the condition o corn during the past month and with favorable fall season for maturing, there will be abou an average yield of corn per acre throughout the State.

The comparative area and condition of corn for a term of years is given in the followin table:

DIVISIONS.	Area 1885, Compared to 1884.	Average condition June 1, 1885.	AV. CONDITION JULY			
			1885	1884	1883	1882
Northern	101	84	88	100	80	64
Central	112	86	90	95	82	60
Southern	113	91	99	85	86	81

It will be seen that the July condition of corn in the northern and central divisions of th State is not as promising as at the corresponding date last season.

The prospects are more favorable for corn than last season in the southern division of th State and an average yield of corn per acre is well assured in this portion of the State. Th early planted corn has generally been well cultivated and is making very satisfactory growt There is an unusually large area of late planted corn that is quite small and in not a few instan ces the replanted corn shows the want of thorough cultivation during the harvest season.

The July condition of corn gives encouragement for about an average or better yield c corn in the following counties in the northern division, viz.: Carroll, 95 per cent.; DeKal 97; DuPage 96; Iroquois 100; JoDaviess 92; Kane 93; Kankakee 91; Knox 92; Lee 93; McHe ry 95; Ogle 92; Stark 90; Stephenson 92; Whiteside 100; Will 91. In the central division of th State the condition of corn is favorable for an average or better yield per acre viz. Calhoun 90 per cent.; Cass 105; Champaign 100; Clark 92; Cumberland 95; Edgar 103; Fulto 92; Greene 105; Hancock 95; Logan 95; Macon 91; Maconpin 90; Menard 97; Morgan 103; Sa gamon 100; Vermilion 100. In the southern division of the State the prospects for corn a favorable for about an average or better yield per acre in the following counties, viz.: Alex ander 90 per cent.; Bond 90; Clay 100; Clinton 90; Crawford 104; Edwards 100; Effingham 9 Fayette 95; Franklin 111; Gallatin 110; Hamilton 112; Hardin 97; Jefferson 100; Johnson 11 Lawrence 105; Madison 94; Massac 100; Monroe 100; Perry 101; Pope 110; Pulaski 112; Ra dolph 103; Richland 102; Saline 110; St. Clair 95; Union 100; Wabash 99; Washington 10 Wayne 92; White 97; Williamson 103.

BROOM CORN.

Broom Corn has made some improvements during the past month and the July conditio promises an average or better yield per acre in the following counties viz: Carroll, Cha paign, Clay, Edgar, Fayette, Hamilton, Jefferson, Lawrence, Menard, Monroe, Ogle, Perr Pike, Pope, Saline, Stephenson, Tazewell, Vermilion, Warren, Washington, Wayne, Whi and Williamson. In the following counties the prospects are encouraging for from thre fourths to an average yield of broom corn per acre, viz: Alexander 75; Calhoun 75; Clark 8 Clinton 80; Coles 89; Cumberland and DeKalb 95; DeWitt 90; Douglas 80; Effingham 9 Franklin 90; Henderson 75; Henry 87; Iroquois 80; Jasper 85; Kankakee and Knox 90; Li ingston 75; McDonough 77; Mercer 75; Morgan 90; Moultrie 85; Peoria 75; Piatt 95; Richlan 97; Rock Island 75; Schuyler 90; Shelby 94; Stark 96 and St. Clair 95.

SORGHUM.

There has been some improvement in the condition of sorghum cane during the past month and the July condition of the growing crop gives encouragement for on average or better yield per acre as noted in the following counties, viz: Alexander, Bureau, Carroll, Champaign, Cook, Edgar, Edwards, Gallatin 100; Greene 115; Hancock, Jefferson, JoDavies, Lee, Massac, Menard, Monroe, Moultrie, Piatt, Pike, Pope 100; Randolph 103; Stark 101; Vermilion and Williamson 100. In the following counties the prospects are encouraging for from three fourths to nearly an average yeald per acre as noted, viz: Calhoun and Cass 90; Christian 75; Clark 85; Clay 97; Coles 94; Crawford 89; Cumberland 91; DeKalk 95; Douglas 77; Effingham and Fayette 93; Franklin 95; Fulton 92; Grundy 82; Hamilton 90; Hardin 80; Henderson 82; Henry 93; Iroquois 85; Jackson 75; Jasper 83; Jersey 75; Johnson 98; Kankakee 85; Knox 95; Lake 75; LaSalle, Logan and Lawrence 95; Macon 88; Maconpin 76; Madison 95; Marshall 90; Mason 80: McDonough 75; McHenry 82; Mercer 83; Montgomery 88; Morgan 82; Ogle 95; Perry and Pulaska 97; Putnam 87; Richland 92; Rock Island 75; Saline 95; Shelby 87; St Clair 95; Stephenson 93; Tazewell 90; Union 77; Wabash 97; Warren, Washington and Winnebago 95; Wayne 88; White 97; Will 75 and Woodford 90.

WINTER WHEAT.

There has been no improvement in the condition of winter wheat in the northern, central or southern divisions of the State during the past month and with the exception of a slight reduction in the average condition of the crop in the central counties, the prospects for winter wheat are reduced but little, as compared to the June which predicted that less than ten millions bushels of wheat would be harvested in this State in 1885. A considerable area of the wheat that was reserved will not be cut, the grain being so thin on the ground that the crop will not pay the expense of harvesting. The winter wheat on the limited area seeded in the nothern division of the State will not yield much over two-thirds of an average yield per acre. In the central counties but little more than one-third of an average yield per acre will be harvested. In the southern counties less than half an average yield per acre will realized. These estimates are confined to the comparatively limited area of growing wheat and not to the acreage seeded last fall, the greater portion of which was winter, killed or destroyed.

The area and comparative condition of wheat from month to month this season has been as follows:

DIVISIONS.	AREA.	CONDITON 1885.				JULY CONDITION.		
		April	May.	June.	July.	1884	1883	1885
Northern.....	51,088	73	77	68	68	94	87	104
Central.....	1,092,652	46	53	41	38	78	63	102
Southern.....	1,173,551	58	55	42	42	70	48	112

The July condition of wheat gives encouragement for three-fourths or more of an average yield per acre of winter wheat as noted in the following counties, viz: Cook 90 per cent, DeKalb 87; DuPage 96; Kane 87; Kendall 100; Lake 78; LaSalle 81; McHenry 88; Mercer 75; Stark 87; Will 92; Cass, Logan and Jackson 75 and Massac 100. From half to three-fourths of an average yield per acre of winter wheat as noted is assumed in the following counties, viz: Boone 60; Bureau 62; Henderson 53; Iroquois 62; JoDaviess 56; Kankakee 67; Knox 65; Lee 70; Stephenson 53; Warren 72; Winnebago 67; Woodford 57; DeWitt 72; Fork 50; Fulton 64; Green 50; Menard 70; Morgan 56; Piatt and Schuyler 55; Tazewell and Vermilion 50; Alexander 60; Gallatin 70; Johnson 50; Pulaski 72; Randolph 73; Saline 60 and Union 65. In the remaining counties the July conditions indicates less than half an average yield per acre of winter wheat at noted: Carroll 20 per cent of an average yield per acre; Marshall 20; Adams

8; Brown 40; Calhoun 45; Champaign 40; Christian 9; Clark 20; Coles 17; Cumberland 30; Douglas 48; Edgar 17; Hancock 40; Jersey 7; Macon 20; Macoupin 18; Mason 38; McDonough 45; McLean 42; Montgomery 9; Moultrie 24; Pike 11; Sangamon 45; Scott 20; Shelby 4; Bond 10; Clay 17; Clinton 22; Crawford 46; Edwards 46; Effingham 30; Fayette 12; Franklin 40; Hamilton 27; Hardin 40; Jasper 22; Jefferson 30; Lawrence 35; Madison 27; Monroe 22; Perry 34; Richland 29; St Clair 12; Wabash 45; Washington 33; Wayne 29: White 38 and Williamson 42.

RYE.

The condition of rye in the northern division of the State is fully as promising as on the first of last month. In the central and southern divisions of the State the prospects for rye are not as encouraging as reported in June.

In the following counties the July condition for rye was favorable for an average or better yield per acre as noted: Henry 105; Will 100; Adams, Cass, Green and Hancock 100. The July reports indicate from half to three-fourths of an average yield per acre of rye as noted in the following counties, viz: Boone 75; Bureau 87; Carroll 93; Cook 97; DeKalb 90: DuPage 97; Grundy 72; Henderson 91; Henry 90; JoDaviess 93; Kane 89; Kankakee 83; Kendall 97; Knox 92; Lake 93; LaSalle 90; Lee 92; Livingston 85; Marshall 65; McHenry and Mercer 82; Ogle 94; Peoria 77; Putnam 72; Rock Island and Stark 86; Stephenson 83; Warren 82; Whiteside 90; Winnebago 88; Woodford 73; Brown 85; Calhoun 60: Champaign 80; Christian 63; Coles 76; Cumberland 68; DeWitt 70; Douglas 77; Ford 85; Fulton 90; Jersey 75; Logan 95; Macon 90; Macoupin 92; Mason 95; McDonough 82; McLean 77; Menard 95; Morgan 88; Moultrie 75; Piatt 78; Pike 97; Sangamon 64; Schuyler 87; Scott 83; Shelby 62; Tazewell 82; Vermilion 75; Alexander 60; Bond 50; Clinton 97; Crawford 77; Effingham 55; Gallatin 65; Hardin and Jasper 50; Jefferson and Lawrence 60; Madison 75; Marion 70; Monroe 75; Perry 67; Pope 97; Randolph 90; Richland 70; Saline 60; St Clair 85; Union 55; Washington 67; White and Williamson 50.

SPRING WHEAT.

This crop receives but little attention in the Central and Southern Divisions of the State. The condition of spring wheat throughout the State is nearly up to an average, and about as favorable as at date of last report.

The July condition of spring wheat gives encouragement for an average yield per acre in the following counties, viz: Henderson, Henry, Knox, Will, Winnebago, Christian, Greene, Mason, Piatt and Sangamon. In the the following counties the condition of spring wheat is as follows, viz: Boone, Bureau and Cook 90 per cent. of an average; Carroll 98; DeKalb 92; DuPage and JoDaviess 95; Kane 97; Kankakee 75; Kendall 70; Lake 83; LaSalle and Lee 95; McHenry 92; Mercer 80; Ogle 95; Peoria 92; Putnam 85; Rock Island 97; Stark 94; Stephenson 96; Warren 90; Whiteside 95; Woodford 65; DeWitt 87; Fulton 80; Logan 90; Macon 95; McDonough 87; Morgan 75; Schuler 90; Tazewell 88; and Marion 90.

BARLEY.

This crop is reported as receiving more or less attention in less than one-third of the counties in the State. The late reports indicate an average or better yield per acre as noted in the following counties, viz: Carroll 100 per cent.; Cook, Crawford, Henry, Madison 100; Monroe 110; Stark and Whiteside 100.

The July condition gives encouragement for from one-half to an average yield per acre, as noted in the following counties, viz: Boone, DeKalb, DuPage and JoDaviess 95 per cent. of an average; Kane 97; Kankakee 75; Kendall 70; Lake 83; LaSalle 95; Lee 90; Livingston 80; Marshall 90; McHenry 95; Montgomery 60; Ogle 95; Pope 85; Rock Island 90; St. Clair 92; Stephenson 98; Tazewell 95; Will 88; Winnebago 93: and Woodford 65.

OATS.

There has been some improvement in the condition of oats during the past month, and nearly an average yield per acre of oats is assured in all portions of the State. The area of

the growing crop of oats in this state is the largest on record, and with favorable conditions until harvest the crop will exceed that of 1884 of 105,314,958 bushels.

The July condition of oats gives encouragement for an average or better yield per acre as noted in the following counties, viz: Knox 100 per cent. of an average in condition; Marshall 100; Ogle 102; Stark, Winnebago, Adams and Brown 100; Cass and Clark 105; Coles 100; Cumberland 107; DeWitt and Douglas 100; Edgar 110; Fulton 102; Hancock 105; Logan, Mason and McLean 100; Menard 102; Morgan 107; Scott 105; Shelby and Vermilion 100; Bond 107; Clay 103; Clinton 101; Crawford 108; Effingham 105; Fayette 102; Hamilton and Jasper 100; Jefferson 115; Madison 105; Marion 102; Massac 100; Monroe 102; Perry 101; Randolph 107; Saline 100; St. Clair 107; Washington.

In the following counties the July condition is favorable for from three-fourths to an average yield per acre of oats as noted, viz: Boone 93 per cent. of an average, Bureau 97; Carroll 95; Cook 99; DeKalb 95; DuPage 90; Grundy 68; Henderson 94; Henry 99; Iroquois and Jo Daviess 96; Kane 99; Kankakee 85; Kendall 82; Lake 88; LaSalle 79; Lee 94; Livingston 70; McHenry 97; Mercer 95; Peoria, Putnam and Rock Island 92; Stephenson 96; Warren 97; Whiteside 95; Will 78; Woodford 93; Calhoun 95; Champaign 90; Christian 84; Ford 90; Greene 99; Jersey 90; Macon 96; Macousin 92; McDonough 95; Montgomery 98; Moultrie 99; Piatt 98; Pike 99; Sangamon 97; Schuyler 95; Tazewell 99; Alexander 60; Edwards 95; Franklin 77; Gallatin 85; Hardin 78; Jackson 80; Johnson 87; Lawrence 97; Pope 95; Pulaski 90; Richland 99; Union 82; Wabash 99; Wayne 98; White 97 and Williamson 89.

HUNGARIAN AND MILLET.

The area of hungarian and millet is some larger than last season in the majority of the counties from which reports concerning this crop have been received.

There is an increase as noted in the area seeded this season to these crops as compared to 1884, viz: Adams 110; Calhoun 105; Champaign 120; Clay 175; Clinton 130; Cumberland 110; Effingham 101; Fayette 107; Greene 115; Jasper and Kane 102; Lake 110; LaSalle and Logan 102; Maconpin 107; Marshall 110; McDonough, McHenry and Morgan 110 Ogle and Piatt 102; Pope 110; Pulaski and Putnam 103; Randolph 102; St Clair and Stephenson 105. In the following counties the area of hungarian and millet is the same as last season, viz: Alexander, Bond, Brown, Cook, Douglas, DuPage, Franklin, Grundy, Henry, Kendall, Knox, Livingston, Madison, Mason, Massac, Menard, Monroe, Pike, Richland, Rock Island, Saline, Sangamon, Schuyler, Scott, Tazewell, Union, Vermilion, Warren, Washington, White and Winnebago. In the remaining counties in which these crops are cultivated the area is than last season.

FLAX.

The condition of flax gives encouragement for an average yield per acre in the counties Clark Clay, Cumberland, Jasper, Knox and Vermilion. In the other counties in which this crop is reported as receiving attention, the July condition is as noted, viz: Boon 80; Cook 87; DuPage 95; Ford 90; Grundy 70; Hamilton 95; Iroquois 93; Kankakee and Lake 87; LaSalle 90; Livingston 75; Marion 90; Mc Henry 87; Perry 80; Piatt 97; Pope 95 and Will 97.

COTTON.

In the following counties the July conditions of cotton gives encouragement for an average yield per acre, viz: Faanklin, Pope and Williamson. This crop is doubtless grown in the southern portion of the State but to such a limited extent as not to be considered worthy of mention by correspondents.

TOBACCO.

The July condition of this crop promises an average yield per acre in the following counties, viz: Clay, Clinton, Coles Cook, Cumberland, DeWitt. Gallatin, Hamilton 110; Henderson, Madison, Massac, Morgan Piatt, Pope 110; Pulaski, Randolph, Warren, Washington, Wayne, and Williamson 104. In the remaining counties where this crop is reported as receiving attention, the July condition is as follows: Calhoun 90 per cent of an average; Clark

83; Crawford 97; Edwards, Effingham, Fayette and Franklin 90; Hardin 60; Jasper 83; Jefferson and JoDaviess 90; Johnson 98; Saline 95; Shelby 97; Stephenson 99; White 87; Will 75; Winnebago 95.

IRISH POTATOES.

The prospects have seldom been better for a large yield per acre of Irish potatoes than this season, and the number of counties where the condition is not up to an average is quite limited.

The July condition of Irish potatoes gives encouragement for an average or better yield per yield per acre as noted in the following counties: Bureau 100 per cent; Cook, DeKalb and Henry 100; Kane 102; Knox and Lee 100; Marshall 105; Mercer, Stark and Stephenson 100; Warren 105; Whiteside 107; Woodford 103; Brown and and Champaign 100; Clark, Cumberland and DeWitt 105; Edgar 100; Ford 103; Fulton 100; Greene 115; Hancock and Logan 100; Macoupin 102; Mason 100; McDonough 105; McLean 101; Menard 100; Montgomery 106; Morgan 104; Moultrie, Piatt, Pike and Scott 100; Vermilion 110; Alexander 100; Bond 102; Clay 103; Crawford 162; Effingham, Fayette and Hamilton 100; Jasper 102; Johnson, Lawrence and Madison 105; Marion 108; Massac 100; Monroe 102; Perry 100; Pope 115; Pulaski 102; Randolph 100; Richland 104; Saline 100; St. Clair 103; Washington 108; Wayne and Williamson 100.

In the counties not named above the July condition of Irish potatoes is as follows, viz: Boone county condition 93 per cent. of an average; Carroll 93; DuPage 97; Grundy 88; Henderson 99; Iroquois 96; Jo Daviess 98; Kankakee 95; Kendall 90; Lake 93; LaSalle 91; Livingston 90; McHenry 99; Ogle 97; Peoria 92; Putnam 97; Rock Island 98; Will 83; Winnebago 98; Adams 70; Calhoun 98; Cass 97; Christian 99; Coles 96; Douglas 97; Jersey 87; Macon 98; Sangamon 95; Schuyler and Tazewell 97; Clinton 90; Edwards 85; Franklin 90; Gallatin 92; Hardin and Jackson 90; Jefferson 92; Union 87; Wabash 99; and White 97.

SWEET POTATOES.

The prospects for this crop have improved during the past month, and the July condition gives encouragement for an average or better yield per acre as noted in the following counties, viz: Alexander 100 per cent; Carroll, Champaign, Clay, Gallatin 100; Hamilton 105; Hancock 100; Iroquois and Jackson 100; Johnson 103; Knox, LaSalle, Lee, Logan, Madison, Marshall, Mason, Massac, McDonough, McHenry, Monroe, Montgomery, and Pike 100; Pulaski 102; Saline, Stephenson, and Vermilion 100; Wabash, Warren, and Whiteside 102. There will be from three-fourths to an average yield per acre of sweet potatoes as noted in the following counties, viz: Bond 99 per cent. of an average yield per acre; Brown 75; Calhoun 98; Cass 85; Christian 90; Clark 92; Clinton 90; Coles 99; Crawford 92; Cumberland 89; Dewitt 96; Douglass 82; Edgar 87; Edwards 85; Effingham 95; Fayette 90; Ford 75; Ford 75; Franklin 87; Fulton 97; Greene 93; Grundy 80; Hardin 73; Henderson 92; Henry 97; Jasper 90; Jefferson 85; Jersey 93; Kendall 87; Lawrence 97; Livingston 90; Macon 99; Maconpin 97; Marion 78; McLean 90; Mercer 89; Morgan 97; Moultrie 95; Ogle 92; Peoria 97; Perry 98; Piatt 97; Pope 95; Putnam 97; Randolph 95; Richland 98; Rock Island and Sangamon 97; Schuyler 80; Scott 93; Shelby 99; Stark 98; St. Clair 97; Tazewell 96; Union 60; Washington 88; Wayne 95; White 90; Williamson 98; Woodford 95.

FIELD BEANS.

The area devoted to field beans this season, compared to that of 1884 is as large or larger as noted in the following counties, viz: Adams and Alexander 100 per cent; Bond 113; Brown 100; Calhoun 110; Carroll, Champaign Christian and Clay 100; Clinton 102; Coles 100; Cumberland 105; DeKalb 102; DeWitt 105; Douglas, DuPage and Edgar 100; Effingham 103; Fayette and Ford 110; Franklin 100; Greene 102; Grundy 100; Hamilton 150; Iroquois, Jackson, Jasper, Jefferson, JoDaviess, Johnson, Kendall, LaSalle 100; Lee 101; Logan and Madison 100; Marion 107; Marshall 120; Massac 110; McDonough, McHenry and Menard 100; Mongonery 105; Morgan, Perry and Piatt 100; Pope 110: Randolph, Rock Island, Sangamon and Schuyler 100; Stark 191; Stephenson, Tazewell, Vermilion and Warren 100; Wayne 102; Whiteside 107; Will 100; Williamson 102; Woodford 100;. In the remaining counties in which this crop is redorted as receiving attention the comparitive area is compared to 1884 is as follows, viz:

Clark 82; Cook 95; Crawford, Harding and Henderson 95; Henry 93; Jersey 80; Kane 99; Kankakee 93; Lake 88; Lawrence and Livingston 80; Macon 97; Macoupin and Ogle 99; Pulaski 80; Richland 97; Saline 95; Shelby 95; Wabash 80; and Winnebago 92.

The prospects are encouraging for an average or better yield per acre of field beans in the following counties, viz: Adams, Calhoun, Carroll, Champaign, Christian, Clinton, Cook, DeKalb, DeWitt; Edgar, Ford, Galatin and Greene 100; Hamilton 105; Henry, Iroquois, Jackson, JoDaviess, Johnson, Kane, Kankakee, Kendall, Lawrence, Lee, Logan, Madison 100; Marshall 110; Massac, McDonough, McHenry, Menard, Montgomery, Ogle, Piatt, Pike, Pulaski, Randolph, Richland, Rock Island, Saline, Schuyler Stephenson, Tazewell, Vermilion, Warren and Whiteside 100 and Winnebago 102. In the following counties the July condition of field beans is below the average as noted: Alexander 90; Bond 98; Brown 75; Clark 90; Clay 97; Coles 95; Crawford 90; Cumberland 95; Douglas 87; DuPage 95; Effingham and Fayette 97; Franklin and Grundy 90; Hardin 60; Henderson 95; Jasper 97; Jefferson 95; Jersey 80; Lake 90; LaSalle 95; Livingston 87; Macon 97; Macoupin 93; Marion 85; Mason 80; Morgan and Moultrie 90; Perry 75; Pope, Putnam and Sangamon 95; Shelby 87; Stark 99; Wabash 80; Wayne 95; Will 98; Williamson 93: Woodford 90.

FIELD PEAS.

This crop is grown only to a limited extent in this State as a field crop.

The July condition indicated an average yield per acre of field peas in the following counties viz: Alexander, Carrol, Clinton, Crawford, Cumberland, DeKalb, Douglas, DuPage, Effingham, Henry, Jasper, Jefferson, JoDaviess, Johnson, Kane, Marshall, Massac, McHenry, Menard, Montgomery Ogle, Piatt, Pike, Pope, Rock Island, Schuyler, Shelby, Stephenson, Warren, Wayne, Williamson and Winnebago. In the following counties there will be less than an average yield per acre as noted, viz: Boone 60 per cent of an average; Lake 85; Perry 55; Pulaski 88; Saline 95; Tazewell 80; Will and Woodford 95.

The July condition gives encouragement for more than an average yield per acre as noted in the following counties, viz: Fayette, Hamilton and Whiteside 105.

MEADOWS.

The condition of meadows is not as favorable for a large crop of hay as on the first of July 1884, 1883 and 1882. The July, 1885, condition of meadows was up to an average in but one of the northern counties, viz; Whiteside. In the central division there will be an average of or better yield per acre of hay as noted in the following counties, viz: DeWitt 101; Greene 105; Hancock and Mason 100; McDonough 105; Morgan 101; Piatt 103; Scott 106; Vermilion 100. In the southern division of the the State an average or better yield per acre is assured in the counties of Fayette, Jackson, Massac and Monroe, where the meadows are up to an average in condition. In Pope county the July condition of meadows is reported at 115. The prospects are encouraging for from three-fourths to an average yield of hay per acre as noted in the following counties, Boone 86 per cent of an average yield per acre; Bureau 90; Carroll 92; Cook 76; DeKalb 88; DuPage 91; Grundy 72; Henderson 80; Henry 85; Iroquois 92; JoDaviess 87; Kane 79; Kankakee 84; Kendall 77; Knox 87; Lake 85; LaSalle 79; Lee 89; Livingston 75; Marshall 95; McHenry 92; Mercer 89; Ogle 98; Peoria 76; Putnam 84; Rock Island 88; Stark 93; Stephenson 89; Warren 97; Will 84; Winnebago 87; Woodford 92; Adams 70; Brown 98; Calhoun 83; Cass 97; Champaign 90; Christian 96; Clark 90; Coles 86; Cumberland 92; Douglas 90; Edgar 79; Ford 87; Fulton 94; Jersey and Logan 97; Macon 89; Macoupin 87; McLean 90; Menard 95; Montgomery, Moultrie and Pike 94; Schuyler 93; Shelby 87; Tazewell 92; Alexander 80: Bond 99; Clay 87; Clinton 90; Crawford 85; Edwadrs 45; Effingham 89; Franklin 66; Galatin 83; Hamilton 55; Hardin 67; Jasper 83; Jefferson 77; Johnson 92; Lawrence 82; Madison 98; Marion 75; Perry 79; Pulaski 82; Randolph 92; Richland 87; Saline 95; St. Clair 89; Union 72; Wabash 90; Washington 88; Wayne 80; White 75; Williamson 80.

PASTURES.

There has been considerable improvement in the condition of pastures during the past month, and the condition is nearly up to an average in all portions of the State. The average

condition is good in the central division of the State, and is some better in the northern division than in the southern counties. The prospects are encouraging for an average or better yield per acre as noted in the following counties, viz: Bureau 103 per cent; Carroll and Ogle 102; Warren 103; Whitesides 102; Cass 104; Clark 102; DeWit 101; Douglas 103; Greene 105; McDonough 110; Menard and Montgomery 102; Morgan 106; Piatt 103; Schuyler and Scott 102; Bond 110; Fayette and Johnson 103: Madison 102; Pope 110; and Pulaski 101.

The condition of pastures is up to an average for July in the following counties, viz: Boone, DuPage, Henry, Putnam, Adams, Brown, Coles, Cumberland, Hancock, Logan, Mason, Moultrie, Pike, Vermilion, Richland and Washington. In the counties not named above there will be from three-fourths to an average yield per acre of pasture, except Edwards and Hardin counties where the condition indicates less than three-fourths of an average yield per acre.

FRUIT.

The yield of early fruit is given below for each county in the State.

CHERRIES.

There was an average yield of cherries in the following counties, viz: Adams, Massac, Pulaski and Saline. In the following counties there was more than an average crop as noted, viz: Jefferson 115; Monroe 102; Pope 117 and Washington 107. There was a limited crop of cherries as noted in the following counties: Alexander 90 per cent of an average crop; Bond 75; Boone 15; Brown 50; Bureau 05; Calhoun 65; Cass 67; Champaigh 20; Christian 63; Clark 67; Clay 58; Clinton 87; Coles 49; Cook 52; Crawford 59; Cumberland 32; DeKalb 40; DeWitt 57; Douglas 67; DuPage 62; Edgar 65; Effingham 52; Fayette 60; Ford 18; Franklin 81; Fulton 20; Gallatin 37; Greene 75. Grundy 25; Hamilton 95; Hancock 75; Henderson 47; Henry 25; Iroquois 11; Jackson 90; Jasper 40; Jersey 90; JoDaviess 09: Johnson 92; Kane 50; Kankakee 15; Kendall 12; Knox 47; Lake 89; LaSalle 20; Logan 82; Macon 49; Macoupon and Marion 67; Marshall 30; Mason 82; McDonough 50; McHenry 59; McLean 74; Menard 46; Mercer 33; Montgomery 68; Morgan 82; Moultrie 49; Ogle 44; Peoria 50; Perry 87; Piatt 37; Pike 60; Putnam 50; Randolph 87; Richland 59; Rock Island 30; Sangamon 82; Schuyler 50; Scott 57; Shelby 67; Stark 84; St. Clair 94; Stephenson 56; Tazewell 43; Union 90; Wabash 9; Warren 74; Wayne 83; White 82; Whiteside 07; Will 24; Williamson 80; Winnebago 25; Woodford 44.

STRAWBERRIES.

There was more than an average crop of strawberries as noted in the following counties, viz: Bond 102 per cent of an average crop; Boone 102; Bureau 110; Carroll and Cass 103; Christian 101; Clinton 110; Cook 102; DeWitt 123; DuPage 102; Effingham 103; Franklin and Fulton 105; Greene 108; Hancock 110; Henderson 105; Henry 115; Jefferson and Kane 110; Kankakee 106; Knox 112; LaSalle 103; Lee 101; Livingston 117; Logan 107; Macon 105; Macoupin 112; Madison 100; Marion 102; Marshall 120; Mason 107; McHenry 106; McLean 108; Menard 107; Mercer 106; Monroe and Montgomery 102; Morgan and Ogle 104; Pike 103; Pulaski 102; Putnam 101; Richland 102; Rock Island 104; Sangamon and Schuyler 105; Shelby 108; Stark 102; Tazewell 109; Vermilion 125; Warren 109; Washington 105; Wayne 110; Whiteside 105 and Winnebago 120. In the following counties there was an average crop of strawberriess, viz: Adams, Alexander, Champaign, Clay, Ford, Hamilton, Jersey, Lawrence, Massac, Piatt, Pope, Randolph, Saline and Scott. In the counties not named above there was less than an average crop of strawberries. The counties in which there was not over three-fourth of an average crop of strawberries this season are the exception.

RASPBERRIES.

There was more than an average crop of raspberries as noted this season in the following counties, viz: Carroll 103 per cent of an average crop, Franklin 102; Green 110; LaSalle 102;

Logan 105 Madison and Mason 103; Morgan 101, Pope and Schuyler 102; Shelby and Wabash 107; Wayne 102 and Winebago 107. An average crop of raspberries was grown this season in the following counties, viz: Adams, Champaign, Cook, Crawford, DeKalb, DeWitt, DuPage, Edgar, Ford, Gallatin, Grundy Hamilton, Jefferson, JoDaviess, Kane, Lake, Massac, McHenry, Moultrie, Perry, Pike, Saline, Sangamon, Stark, St. Clair and Vermilion. In the following counties from three-fourths to an average crop of raspberries was produced this season, viz: Alexander 90 per cent of an average crop; Bond, Boone and Brown 85; Bureau 95; Calhoun 87; Cass 91; Christian 97; Clark 78; Clay 70; Clinton 90; Coles 82; Cumberland 85; Douglas 72; Effingham 87; Fayette 83; Fulton 95; Hancock 80; Henderson and Henry 97; Iroquois 87; Jackson and Jasper 75; Jersey 93; Johnson 97; Kankakee 85; Kendall 82; Knox 90; Lawrence 80; Lee 91; Livingston 77; Macon 81; Macoupin 92; Marion 67; Marshall 60; McDonough 90; McLean and Menard 96; Mercer 85: Monroe 95; Montgomery 90; Ogle 96; Peoria 92; Piatt 97; Pulaski 86; Putnam 95; Randolph 83; Richland 85; Rock Island 90; Scott 90, Stephenson 95; Tazewell 97; Union 87; Warren 99; Washington 87.

GOOSEBERRIES.

There was more than than an average crop of gooseberries in the following counties, viz: Clay 110 per cent of an average crop; Cook and Greene 102; Hamilton 105; Macoupin 102 and Stark 103. In the following counties there was an average crop of gooseberries, viz: Adams, Brown, Bureau, Clinton, Dupage, Franklin, Hancock, Henry, Jackson, Jersey, JoDaviess, Johnson, Kendall, Lake, Macon Madison, Mason, Massac, McHenry, Mercer, Morgan, Piatt, Pike, Richland, Saline, St. Clair, Vermilion and Wabash. In the counties not named above there was less than an average crop of gooseberries and with few exceptions from three-fourths to an average crop.

WOOL CLIP.

The late wool clip is less than last season in a majority of the counties of the State. In Alexander county the wool clip as compared to 1884 is 110; Christian 103; Franklin 102; Greene 110; Johnson and Livingston 103; Marshall 105; Pulaski 110; Wayne and Williamson 102. In the following counties the wool clip is the same as last season, viz: Brown, Calhoun, Cass, Clark, Cook, Crawford, Edgar, Effingham, Gallatin, Hancock, Jackson, Jefferson, Lawrence, Logan, Massac, Monroe, Piatt, Schuyler and Winnebago. The wool clip is less than last season in the following counties where the clip as compared to 1884 is as noted, viz: Adams 85; Bond 97; Boone 75; Bureau 95; Carroll 64; Champaign 75; Clay 85; Clinton 97; Coles 90; Cumberland 80; DeKalb 83; DeWitt 90; Douglas 82; DuPage 80; Fayette 98; Ford 80; Fulton Grundy 65; Hamilton 70; Hardin 75; Henderson 97; Henry 90; Iroquois 95; Jasper 97; Jersey 93; JoDaviess 95; Kane 86; Kankakee 99; Kendall 92; Knox 90; Lake 80; La Salle 98; Lee 88; Macon 79; Macoupin 95; Madison 93; Marion 78 McDonough, McHenry and McLean 87; Menard 80; Mercer 92; Montgomery 99; Morgan 87; Moultrie and Ogle 93; Peoria 88; Perry 96; Pike 93; Pope 95; Putnam 92; Randolph 85; Richland 98; Rock Island 91; Saline 90; Sangamon 95; Scott 90; Shelby 93; Stark 89; St. Clair 95; Stephenson 80; Tazewell 86; Union 80; Vermilion 90; Wabash 91; Warren 81; Washington 95; White 93; Will and Woodford 97.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this department are as a rule farmers of extended experience and practical judgment, representative men of public spirit, and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this department during the past nine years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—Corn is very backward on account of the unfavorable weather in May and the continued rains in June which have interferred with its cultivation. Winter wheat may be rated a failure. The yield will not exceed 10 per cent of an average crop. Winter rye will make a full crop. Oats are in fine condition and a large yield may be expected. Irish and sweet potatoes are very backward. The same may be said of meadows and pastures with the exception of clover meadows which promise an average yield Small fruits and berries have all yielded good crops. Field beans are doing well. The wool clip is not as large as that of last season. The improvement of the breeds of all kinds of farm animals is receiving more attention than usual. A great deal of tile will be laid during the season.

ALEXANDER—The condition of corn is very good. The prospect is favorable for nearly an average yield per acre. Broom corn and sorghum cane are doing well. Winter wheat and rye will not make more than two thirds of an average yield per acre. Oats are very backward owing to the continued dry weather. The army worm has greatly injured many pastures and meadows. The general condition is not good. Irish and sweet potatoes have made good growth. Small fruits and berries have yielded good crops. Field beans are doing well. The wool clip is larger than that of last season.

BOND.—Corn is nearly up to an average except on the low wet lands where it has been injured by the excessive rains during the past month. Sorghum cane does not look well. Winter wheat will prove nearly a failure. Winter rye will make but little over half the average yield per acre. Oats are considerably above the average in condition and a large yield may be expected. Irish potatoes are above the average in condition. Sweet potatoes are about the average. Meadows and pastures are doing well. Cherries, raspberries, gooseberries ann currants all yielded nearly an average crop. The condition of field beans is good and the acreage is 13 per cent. larger than that of last season. The recent wool clip is not as large as last season. There is a decrease in the area of orchards. Grapes promise a full average crop.

BOONE—Corn is very uneven, and will not make more than four-fifths of an average yield per acre, owing to the vast amount of replanting and the unfavorable weather. The limited area of winter wheat sown in this county will not make more than 60 per cent. of an average crop per acre. Winter rye will make about three-fourths of a crop. Spring wheat and oats are not up to an average in condition for July 1. Irish potatoes are doing fairly well. Meadows and pastures are backward. Small fruits have yielded well, excepting cherries and gooseberries. The wool clip is not more than three-fourths as large as that of last season. Farmers are paying increased attention to the improvement of stock and drainage. More drain tile will be laid this seaton than usual.

BROWN—Corn is doing very well; has good color and has been cultivated. The prospect is good for nearly an average crop. Sorghum cane is backward. Winter wheat will not make more than 40 per cent of an average yield per acre. Rye will yield three-fourths of an average crop. Oats are all doing well and will make an average crop. Irish and sweet potatoes are looking well. Meadows and pastures are doing well. Small fruits and berries have made fair crops. Field beans are about an average in condition and area. The wool clip is about the same as last year. Farmers are paying more attention to the improvement in the breeds of horses and cattle. A large amount of tile will be laid this season.

BUREAU—The recent favorable weather has improved the condition of corn very much and the prospect is good for nearly an average crop. Sorghum cane is looking well. Winter wheat will make nearly two thirds of an average yield per acre. Spring wheat, barley and oats all promise nearly average crops. Irish potatoes are making fine growth Meadows and pastures need rain. Small fruits all yielded well. The wool clip is not as large as last season. Considerable attention is being paid to the improvement of farm stock of all kinds. Farmers are laying more drain tile than usual this season.

CALHOUN—Owing to the cold backward season and inferior seed there has been an unusual amount of replanting done and corn is fully two weeks late. Broom corn and sorghum cane are not looking well. Winter wheat will not make more than half an average yield per acre. Rye will yield but little better than wheat. Oats are hardly up to the average condition for July 1. Tobacco has made nearly the usual growth for this date. Meadows and pastures are in very fair condition. The late rains have kept the latter growing and green. Field beans are doing well; the area is larger than that of last season. The wool clip is about that of last year. Small fruits have made nearly an average yield.

CARROLL—The prospect is encouraging for nearly an average yield per acre of corn. Broom corn and sorghum are doing well. Winter wheat will not make more than one fifth of an average yield per acre. Rye, spring wheat, barley and oats are all doing well and will yield nearly average crops. Irish and sweet potatoes are making good growth. Meadows and pastures are not up to the average in condition. Small fruits and berries have yielded nearly an average crop. Field beans and peas are looking well. The wool clip is not quite as large as that of last season. Farmers of this county are giving much attention to the improved breeds of horses and cattle. A large quantity of tile will be laid during the season.

CASS—The growing crop of corn is in fine condition; clean and has excellent color and is above the average for July 1. Sorghum is nearly an average in condition. Winter wheat will make about three-fourths of an average yield per acre. Harvest is late. The berry is very good. Rye will make a full average yield per acre. The condition of oats is better than an average. Irish and sweet potatoes are not up to the average in condition for July 1. Meadows and pastures are in fine condition. The crop of small fruits has been nearly up to the average. The clip of wool is as large as last season. The area of orchards has been diminished. Grapes will not yield more than one-fourth of an average crop. Drain tiling and improved stock are having quite a boom among the farmers of this county.

CHAMPAIGN—Corn is clean, of good color and generally up to the average in condition. The prospect is good for a large crop. The same may be said of broom corn and sorghum cane. Winter wheat will not make much over one third of a crop and harvest will be at least ten days late. Rye looks fairly well. Oats are heading out but are short owing to want of rain in May. The prospect is that there will be an average yield and with the unusual average the large crop over raised in the county. Irish and sweet potatoes are making excellent growth. Meadows and pastures are nearly up to an average in condition for July 1. Strawberries, raspberries, gooseberries and currants yielded a fair crop. Field beans are in good condition and the area is about the same as last year. The wool clip is 25 per cent less than that of last season. The farmers of this county are fully alive to the importance of tile drainage and are tiling their lands as fast as their means will permit.

CHRISTIAN—The continued heavy rains during the past month have delayed cultivation and left the corn in bad condition, with some complaint of wire-worms. Sorghum cane will not make more than three-fourths of an average yield per acre. Winter wheat is almost an entire failure. Harvest began June 28. Spring wheat is in good condition, but little sown however. Oats promise nearly an average crop. Irish and sweet potatoes are in good condition. Meadows and pastures are not up to an average for July 1. The yield of cherries, raspberries, gooseberries and currants is nearly up to an average. The yield of strawberries was larger than an average. The area and condition of field beans is about an average. The wool clip is larger than that of last season. Grapes are nearly an average in condition and acreage. The satisfactory results of the tile drain are commanding increased attention. Much attention is given to the improving of the breeds of farm animals.

CLARK—Corn is looking well, and promises to yield nearly an average crop. The same may be said of broom corn and sorghum cane. Winter wheat will not yield more than one fifth of an average crop. Oats and flax will make full average crops. Tobacco is not looking well. Irish and sweet potatoes are making good growth. Meadows and pastures are not quite up to an average. Small fruits and berries have not yielded an average crop. Field beans and peas are not up to the average in condition. The wool clip is about as large as that of last year. Some tiling is being done but money is scarce and much of the work is delayed.

CLAY—The prospect for an average yield per acre of corn is very encouraging. The same may be said of broom corn and sorghum cane. Winter wheat and rye is almost a failure. Harvest commenced June 21. Oats and flax are about an average in condition for July 1. Tobacco looks well. Irish and sweet potatoes are making good growth. Meadows and pastures are not quite up to the average for July 1. Small fruits and berries have yielded well. Field beans are doing well and the area planted is about the same as last year. The wool clip is not as large as that of last season. The improvement of the breeds of horses and cattle and tile drainage is receiving more attention each succeeding year.

CLINTON—Corn promises well and will make nearly an average crop. Broom corn and sorghum cane and not looking well. Winter wheat will not make more than one-fourth of an average yield per acre. Winter rye will yield nearly an average crop Oats are doing well and will make more than an average crop. Tobacco looks well. Irish and sweet potatoes are not up to the average condition for July 1. Meadows and pastures are a little backward. Small fruits and berries have yielded nearly an average crop. Field beans and peas are looking well. The wool clip is not equal to that of last year. Farmers are giving more attention to the improvement of the breeds of stock of all kinds, and to the drainage of their lands. The drain tile has been proven a success, and a larger amount than ever will be laid during the season.

COLES.—Corn is very backward and not in good condition owing to the excessive rains. The seed was very poor and much of it was replanted after June 1. Broom corn is not quite up to the average in condition. Sorghum cane promises nearly an average

yield per acre. Winter wheat is nearly a failure. Winter rye will yield nearly a three-fourths of an average per acre. Oats are in fine condition and an average yield per acre may be expected. Tobacco is looking well. Irish and sweet potatoes are nearly up to an average in condition. Meadows and pastures are not up to an average for July 1. The yield of cherries, strawberries, raspberries, gooseberries and currants has been good. The condition of field beans nearly an average, area about that of 1884. The continued good results from tile drained land has encouraged still greater outlay and the area tiled will be largely increased during the season.

COOK—The cut and wire worms have destroyed a great deal of corn. The weather has been too cold for rapid growth. Sorghum cane is in good condition. Winter and spring wheat, rye, barley, oats and flax all promise nearly an average yield per acre. Tobacco is a full average in condition. Irish potatoes look well. Meadows and pastures are not up to the average July condition. Strawberries, raspberries, gooseberries and currants yielded an average crop. The condition of field beans is good; and about an average. The wool clip about that of 1884. The improvement of stock is meeting with its share of attention. There will be a large amount of drain tile laid during this season. Results from tiling have been very satisfactory.

CRAWFORD—Corn is above the average in condition. Some complaint of chinch bugs. Sorghum cane is not quite up to the average in condition. Winter wheat will not make more than a half an average yield per acre. Rye will make nearly three-fourths of an average crop. Barley and oats are in good condition. Tobacco is not in as good condition as usual for July 1. Irish and sweet potatoes are doing well. Meadows and pastures are not up to the average in condition. The yield of strawberries, raspberries, gooseberries and currants was nearly an average. Field beans are not up to the average in either acreage or condition. The wool clip was about as large as that of last year. The improvement of stock is receiving much attention. Some drain tile is being laid.

CUMBERLAND—Corn looks well; ground in good order and the prospect for an average yield per acre is better than for several years past. Broom corn and sorghum cane are doing well; condition nearly an average for July 1. Winter wheat will not make more than one-third of an average yield per acre. Rye and spring wheat are doing fairly well. Oats are in better condition than usual and will make more than an average yield. Flax and tobacco are making good growth. Irish and sweet potatoes are about an average in condition. Meadows and pastures are doing well. Strawberries, raspberries, gooseberries and currants made nearly an average yield. Field beans are doing well, acreage larger than in 1884. The wool clip is 20 per cent. less than in 1884. The tile drain is meeting with great favor among the farmers of this county.

DEKALB—Corn is a little late; has good color and is growing finely, the prospect is good for an average yield per acre. Broom corn and sorghum cane are in very fair condition. Winter wheat and rye will make nearly an average yield per acre. Spring wheat, barley and flax are all doing well and average crops may be expected. Irish potatoes are making excellent growth. Meadows and pastures are not up to the average condition for July 1. Small fruits have yielded well. Field beans and peas are doing well. The wool clip is smaller than that of last season. More drain tile than usual will be laid this season.

DEWITT—Corn is very uneven and fully two weeks late. There is a little green bug working around the roots of the corn which has done considerable injury. Broom corn looks well, sorghum cane is backward. Winter wheat and rye will make about three fourths of an average yield per acre. Spring wheat will make nearly an average crop. Oats are in fine condition, and promises a full average yield per acre. Tobacco looks well. Irish and sweet potatoes are making good growth. Meadows and pastures are fully up to the average in condition for July 1. Small fruits have made more than an average yield. Field beans are a good average in area and condition. The wool clip is smaller than that of last year. Farmers are endeavoring to raise the grade of their farm stock. There is a large amount of drain tile being laid.

DOUGLAS—The prospect for an average yield of corn per acre has been injured very much by the recent heavy rains. Broom corn and sorghum cane are in about the same condition as corn. Winter wheat will hardly make half an average yield per acre. Winter Rye is in much better condition than wheat. Oats are doing well and an average crop may be expected. Irish and sweet potatoes are not quite up to the average in condition for July 1. Meadows and pastures are in very fair condition. Small fruits and berries have yielded nearly an average crop. Field beans and peas are doing well. The improvement of farm stock and the drainage of the low wet lands of the county is meeting with much attention.

DUPAGE—The condition of corn is good, but fully two weeks late, owing to the backward spring. Winter wheat gives encouragement for nearly an average yield per acre. The same may be said of rye. Spring wheat, oats, and flax are all looking well and will make nearly average crops. Irish potatoes have made good growth. Meadows and pastures are about the average in condition. Small fruits and berries have yielded an average crop. Field beans and peas are about the average in condition and area. The wool clip is 20 per cent less than that of last season. The interest in the improvement of the breeds of farm stock of all kinds is giving this county a national reputation. A great deal of tile drainage is being done this season.

EDGAR—The weather for the past two weeks has been splendid for the growing corn. The prospect is good for a larger yield per acre than an average. Broom corn and sorghum cane are doing well. Winter wheat is nearly a failure; the yield will not exceed one-fifth of an average crop. Oats are above the average in condition and promise a large yield. Irish and sweet potatoes are looking well. Meadows and pastures are not quite up to the average in condition. Small fruits and berries have yielded nearly an average crop. Field beans

and peas are looking well. The clip of wool is about as large as that of last season. Much attention is paid to the improvement of stock. Some of the finest herds of the State can be seen in this county. The interest in tile drainage is increasing and large quantities will be laid this season.

EDWARDS—Corn has been well worked and is unusually clean; of good color and is generally in fine condition. The prospect is good for a full average yield per acre. The same can be said of sorghum cane. Winter wheat will not make quite one-half of an average crop. Oats are not up to the average in condition. Tobacco is backward. Irish and sweet potatoes are very backward. Meadows and pastures are short, owing to the want of rain. There has been great improvement in the breeds of all kinds of stock in the last five years, and more attention is being given to the further improvement each succeeding year. Many farmers are tile draining their low lands with good results.

EFFINGHAM—Corn is in good condition on high land but is very poor on low lands. The recent rains have delayed cultivation and corn is very weedy. Sorghum cane and broom corn are about an average in condition for July 1. The prospect for winter wheat is worse than any for ten years past. not more than one third of an average yield is expected. Rye will not make more than half a crop. Oats are above the average in condition. Irish and sweet potatoes are doing well. Meadows and pastures are a fair average in condition. Small fruits and berries have yielded well. Field beans are growing finely with an average equal to that of last season. The wool clip is about the same as last year. There is more attention being paid to the improvement in the breeds of farm animals than usual. More drain tiling has been done this spring than for the past ten years,

FAYETTE—Corn on low flat lands has been injured by the successive rains of the past month. That planted on high ground looks well and promises a good average crop. Broom corn and sorghum look well. Winter wheat is a failure and rye will not make more than a half crop. Oats are above the average in condition. Tobacco is not up to the average condition for July 1. Irish and sweet potatoes are backward. Meadows and pastures are in fine condition. Small fruits and berries have yielded nearly an average crop. Field beans are about an average in condition and area as compared with July 1, 1884. The wool clip is less than that of last season. Considerable attention is being paid to the improvement of farm stock.

FORD—The condition of corn is not as good as usual for July 1. The stand is very uneven owing to the unusual amount of replanting. Winter wheat will not make more than half an average yield per acre Rye gives encouragement for three fourths of an average yield per acre. Oats and flax are doing well and will make nearly an average crop. Irish potatoes are better than an average in condition. Sweet potatoes are not doing well. Meadows and pastures are nearly up to an average. Small fruits and berries have made a good yield. The area of field beans is larger than last year; condition good. The wood clip for this season is larger than that of 1884. Farmers are directing their attention to the improvement of horses and cattle. Several Clydesdale stallions have been brought into the county this season, and Shorthorn and Holstein bulls have been purchased. The drain tile has proven a great success and a large amount will be laid during the season.

FRANKLIN—Corn has seldom looked so promising as at present. The prospect is good for more than an average crop. Broom corn and sorghum are looking well. Winter wheat does not give encouragement for more than two-fifths of an average yield per acre. The same can be said of rye. Oats do not look well and will not make more than three fourths of an average yield. Flax will make a full average crop. Tobacco is a little backward. Irish and sweet potatoes are not up to the average July condition. Meadows and pastures are light owing to the dry spring. Small fruit and berries have yielded a full average crop. The wool clip is larger than in 1885. Farmers are paying more attention to the improvement of the breeds of farm animals.

FULTON—Corn is generally clean and color good. The weather has not been favorable for rapid growth of corn. The condition may be rated at nearly an average. The same may be said of sorghum cane. Winter wheat promises three-fourths of an average yield per acre. Rye and spring wheat are in very good condition. Oats has made an unusual growth and promise more than an average yield per acre. Irish and sweet potatoes are about an average in condition for July 1. Meadows and pastures are doing well. Small fruits and berries have yielded well. The wool clip does not equal that of 1884. Drain tiling and the improvement of the breeds of farm animals is meeting with more attention than usual.

GALLATIN—Corn is in fine order and is nearly all "laid by." The prospect is good for a large yield per acre. The same may be said of sorghum cane. Winter wheat will yield nearly three fourths of an average crop. Oats are not doing well. Tobacco is in fine condition. Irish and sweet potatoes are making good growth. Meadows and pastures are not up to the average for July 1. Small fruits and berries made a fair yield. Field beans are doing well. The wool clip is about as large as last season. The improvement of the breeds of farm animals is meeting with encouragement. Several Short-Horn bulls have been purchased and brought into the county during the spring.

GREENE—Corn is doing well, and the present indications are that the yield will be above the average. The same may be said of sorghum cane. Winter wheat will not yield more than half an average crop. Rye and spring wheat look well and will make an average yield per acre. Oats are looking very well and will make an average crop. Irish and sweet potatoes are making excellent growth. Meadows and pastures are doing well. The yield of small fruits and berries has been nearly an average. Field beans are about the average in condition and area. The wool clip is fully 10 per cent greater than that of last season. There is a large amount of tiling being done during this season.

GRUNDY—The stand of corn is very uneven owing to the replanting, and there is some complaint of insects. The prospect is good for four fifths of an average yield per acre The same may be said of sorghum cane. Winter rye does not promise an average crop. Oats are late having been injured by drouth during May. The prospect is not good for more than two thirds of an average yield per acre. Irish and sweet potatoes are backward. Meadows and pastures have suffered for rain and do not look well. Small fruits and berries have yielded nearly an average crop. Field beans are in only fair condition; the area is about as large as last season. There is a considerable reduction in the wool clip, as compared with that of last season. Drain tiling has been proven a good investment and the area dited will be increased 25 per cent during this season.

HAMILTON—Corn is a little backward but has been well cultivated and is growing rapidly, with favorable season will make an unusually large crop. The same may be said of broom corn and sorghum cane. Winter wheat will not make more than one third of an average yield per acre. Rye will yield about a half crop. Oats are looking well and give encouragement for a full average yield. Flax is not quite up to the average in condition for July 1. Meadows and pastures are short owing to the drouth during the spring. Irish and sweet potatoes are making fine growth. Tobacco looks well. There was an unusually large yield of small fruits and berries. The area of field beans is largely increased over that of last year and the condition is good. The wool clip is considerably less than that of last season. There is quite an improvement in the breeds of cattle and hogs of this county since July 1884.

HANCOCK—Corn is looking very well. The weather has been favorable for cultivation and the prospect is good for nearly an average crop. The same may be said of sorghum cane. Winter wheat will yield about 40 per cent of an average crop. Winter rye promises a large yield Oats are doing well and will make more than an average yield per acre. Irish and sweet potatoes are making fine growth. Meadows and pastures are up to the average in condition. Small fruits and berries have made good crops. The wool clip is about the same as last year. Considerable attention is paid to the improvement of farm stock.

HARDIN—Corn looks well and promises a large yield. The late rains have been very beneficial and corn is now growing rapidly. The same may be said of sorghum cane. Winter wheat will not yield more per acre than 40 per cent of an average. Rye will not make more than half a crop. Oats have not done well, and do not promise more than three fourths of an average yield per acre. Tobacco has not made good growth. Irish and sweet potatoes are not up to the average condition for July 1. Meadows and pastures are in fair condition. Field beans have not made the usual growth. The wool clip is fully one fourth less than that of last season.

HENDERSON—The prospect for corn is not good for more than three-fourths of an average yield per acre. The same can be said of sorghum cane and broom corn. The limited area of winter wheat sown in this county will not make more than one half of an average yield per acre. Winter rye will make nearly an average crop. Spring wheat is doing well. Oats have not done well and will not yield an average crop. Tobacco is looking well. Irish and sweet potatoes are making good growth. Meadows and pastures have made only fair growth. Small fruits and berries have yielded well. Field beans are nearly an average in condition and area. The wool clip is not as large as that of last season. Farmers are paying more attention to the improvement of the breeds of farm animals generally, and especially to horses. Several fine Norman stallions have been imported during the spring. The area of tile drained land is largely increased over that of last year.

HENRY—Corn does not give encouragement for more than three-fourths of an average yield per acre. The weather has been two cool for the rapid growth of corn. The same may be said of broom corn and sorghum cane. Rye looks well and will make about an average crop. Spring wheat, barley and oats are in good condition and promise a full average yield per acre. Tobacco is making good growth. Irish and sweet potatoes will make nearly an average crop. Meadows and pastures are doing fairly well. Small fruits and berries have yielded well. Field beans and peas are doing well. The wool clip is not as large as that of last season. There is a marked improvement in all the breeds of farm animals. There will be many thousand rods of drain tile laid this season in this county.

IROQUOIS—The corn is doing splendidly and promises to make an average crop. Broom corn and sorghum cane are in fair condition. Winter wheat will not make more than two-thirds of an average yield per acre. Winter rye looks well and will exceed an average in yield. Oats and flax are doing well. Irish and sweet potatoes are making good growth. Meadows and pastures have suffered for want of rain, and are not up to the average in condition. There has been a fair crop of small fruits and berries. Field beans are about an average in condition and area. The wool clip is not quite as large as it was last season. Farmers are paying more attention to the improvement of stock of all kinds. The good results from tile drainage has encouraged farmers to largely increase the area of this system of drainage.

JACKSON—Corn is a little late, but is growing finely. The prospect is good for nearly an average crop. Sorghum cane is not up to the average in condition. Winter wheat will make about three-fourths of an average yield per acre. Oats are in only fair condition. Irish and sweet potatoes have made fair growth. Meadows and pastures are in good condition. The yield of small fruits and berries has been good. Field beans are up to the average in area and condition. The wool clip is equal to that of last year. Much attention is being paid to the improvement of stock of all kinds.

JASPER—The corn is generally very good. Some of it is injured by the extreme wet weather and overflow from rivers and creeks. The prospect is good for 87 per cent. of an average yield per acre. The same may be said of broom corn and sorghum cane. Winter wheat will not make over one-fourth of

an average crop. Rye will make about half a crop. Oats are in fine condition and the yield will be larger than an average. Tobacco has made fair growth. The condition of Irish and sweet potatoes is good Meadows and pastures are not up to the average in condition. The yield of small fruits and berries was about three-fourths of an average crop. Field beans and peas are doing well. The wool clip is about that of last season.

JEFFERSON—The prospect for corn is excellent. Weather has been favorable for its cultivation and an average yield per acre may be expected. The same may be said of broom corn and sorghum cane. Winter wheat will not yield one-third of an average crop and the grain is inferior in many portions of the county. Winter rye will not make more than half of an average yield per acre. The prospect for a large oats crop was never better. Flax is full up to the average condition for July 1. Irish and sweet potatoes do not come up to the average. Meadows in many instances were badly winter killed and are not in good condition. The same may be said of pastures. Small fruits yielded well. The wool clip is about the same as that of last season.

JERSEY—There has been too much rain for the growing corn and the condition is below the average in condition. The same may be said of sorghum. Winter wheat will yield about three-fourths of an average crop. Oats are not up to the average in condition. Irish and sweet potatoes are making excellent growth. Meadows and pastures are doing well. Small fruits and berries made good crops. Field beans look well. The wool clip is not equal to that of last season. There has been great improvement in the breeds of the farm animals of the county in the past year.

JO DAVIESS—Corn on the high lands looks well; that on the low lands is very backward on account of the excessive rains and cold weather. Sorghum cane is looking very well. Winter wheat will make a little more than a half crop. Rye, spring wheat, oats and barley are all nearly up to an average in condition. Tobacco is doing well. Irish and sweet potatoes are quite up to the average for July 1. Meadows and pastures are not up to the average in condition. Small fruits and berries have yielded very well. Field beans and peas have made good growth. The wool clip falls short of that of last season. Farmers are giving more attention each succeeding year to the improvement of stock of all kinds.

JOHNSON—The prospect for a large yield of corn was never better than at this time. With favorable conditions the crop will far exceed the average. Sorghum cane looks well. Winter wheat will not make more than half an average yield per acre. Oats are very backward. Tobacco has made good growth. Irish and sweet potatoes are above the average in condition. Meadows and pastures are a little short. Small fruits and berries have yielded well. Field beans and peas are looking well. The wool clip is about as large as last season.

KANE—Corn has been well cultivated and during the past month has made fine growth and the prospect is good for nearly an average yield per acre. Winter wheat and rye will make almost an average crop; harvest will begin July 6. Spring wheat and barley promises about an average yield. Oats look very promising, and will make an average yield per acre. Meadows are for some reason light and have not made the usual growth for July 1. Pastures are in better condition than meadows. Small fruits and berries have yielded well. Field beans are about an average in condition and area. The wool clip is less than that of last year. The matter of tile drainage is no longer an experiment. The good results from this system of drainage have encouraged the farmers and land owners of this county to largely increase the area tiled over that of last season.

KANKAKEE—Corn is backward owing to the want of rain but it is generally clean and has good color. Broom corn and sorghum cane are doing well. Winter wheat will make about two thirds of an average yield per acre. Rye looks better than wheat. Spring wheat and barley will make about three-fourths of an average yield. Oats and flax are looking well, and will make nearly an average crop. Irish potatoes do not come up to the average for July 1. Meadows and pastures have suffered for rain. The yield of small fruits and berries has been very good. Field beans are about an average in condition and area. The wool clip is about the same as last year. More tile will be laid during this season than usual. The lands tile drained have shown great results.

KENDALL—Corn is not quite up to the average in condition for July 1. Most of of the corn will be "laid by" this week. The quality of the berry of winter wheat is fine, and the yield will be about the average. The same can be said of rye. Spring wheat will not make more than three-fourths of an average yield per acre. Oats are in only fair condition. The area is much larger than last season. Irish and sweet potatoes do not come up to the average condition for July 1. Meadows and pastures are short and thin owing to the lack of rain. Small fruits and berries have yielded well Field beans are about the average in condition and area as compared with July 1, 1884. The wool clip is not as large as that of last season. Considerable drain tile is being laid.

KNOX—Corn is clean and has good color, but is rather uneven owing to bad seed and replanting. Broom corn and sorghum are doing well. Winter wheat will not make more than two-thirds of an average yield per acre. Rye will make nearly an average crop. Spring wheat and oats are doing well and promise a full average crop. Irish and sweet potatoes have made excellent growth and will make full average crops. Meadows and pastures are backward and do not come up to the usual condition for July 1. The wool clip is not as large as that of last season. More attention is being paid to the improvement of the breeds of farm animals and tile drainage.

LAKE—Corn is backward owing to the lateness of the season, and will not make more than three-fourths of an average crop. The same may be said of sorghum cane. Winter wheat will make more than three-fourths of an average yield per acre. Rye, spring wheat, barley and oats will nearly come up to the average in condition. The

prospect is good for a fair crop of each. Irish potatoes are doing well. Small fruits and berries did not yield average crops. Field beans are doing well. The wool clip is not equal to that of last season. Considerable tile has been laid during the season. More attention is being paid to the improvement of stock of all kinds.

LASALLE—The condition of corn is not up to the average for July 1. The stand is very uneven, but is free from weeds. A good rain is needed. Sorghum cane is doing well. Winter wheat will be harvested fully ten days later than usual. The prospect of an average yield per acre is not good. Winter rye and spring wheat will make nearly an average crop. Oats are not looking as well as usual for July 1. Flax is doing well. Irish and sweet potatoes are making good growth. Meadows and pastures are not up to the average in condition for this date. Small fruits and berries have yielded well. The wool clip is not as large as that of last season. The improvement of the breeds of farm animals and the drainage of the low lands of this county is meeting with increased attention.

LAWRENCE—The condition of corn is better than an average and the prospect is good for an unusually large crop. Broom corn and sorghum cane are doing well. Winter wheat will not yield but little over one-third of a crop. Oats are not quite up to the average in condition. Irish and sweet potatoes have made fair growth. Meadows and pastures are not up to the average owing to the drouth. The small fruit and berry crop was good. Field beans are looking well. The wool clip was equal to that of last year. In some portions of the county considerable drain tile has been laid with very encouraging results.

LEE—Corn is generally small for July 1. The stand is very uneven, but is now growing rapidly and bids fair to be nearly an average crop. The same may be said of sorghum cane. Winter wheat and rye will make more than three-fourths of an average yield per acre. Spring wheat, barley and oats are all looking well and promise nearly an average yield per acre. Irish and sweet potatoes are making good growth and will yield about an average crop. Meadows and pastures are not up to the average in condition. Small fruits and berries yielded well. Field beans are fully up to the average in condition and area. The wool clip is considerably short of that of last season. Farmers are paying more attention to the improvement of stock. Tile drainage is very popular in this county. Low wet lands have been made the most productive by this system of drainage.

LIVINGSTON—Corn is fully ten days late and the stand is very uneven. There has not been sufficient rain to keep it growing. It is clean and has good color. Broom corn and sorghum cane are not up to the average in condition. Winter wheat and rye will not make over three-fourths of an average yield per acre. Oats and flax are very short owing to the drouth. Irish and sweet potatoes are not up to the average condition for July 1. The wool clip is a little larger than that of last season. The improvement of the breeds of farm stock and the drainage of the low lands of the county are engrossing the attention of the farmers and land owners.

LOGAN—Corn planting was continued until June 10. There was a great deal of replanting and the stand is uneven. The prospect is good for nearly an average crop. The same may be said of sorghum cane. Winter wheat will not make more than three-fourths of an average yield per acre. Rye looks well. Spring wheat and oats are doing well and will yield about an average crop. Irish and sweet potatoes are making excellent growth. Meadows and pastures are doing well. Strawberries have yielded largely but other fruits and berries have fallen below the average. Field beans are doing well and the area is about the same as last season. The wool clip is equal to that of last year. The interest in drain tile is increasing and many farmers are adopting this system of drainage.

MACON—The condition of corn is not up to the average for July 1. Owing to the replanting the stand is uneven. The same may be said of sorghum cane. Winter wheat is nearly a failure and not more than one-fifth of an average crop can be expected. Winter rye will make nearly an average crop. Spring wheat and oats are doing well. Irish and sweet potatoes are making good growth. Meadows and pastures are not up to the average condition for July 1. Small fruits and berries have yielded well. Field beans are nearly an average in area and condition. The wool clip is considerably short of that of last season. The greatest care is being taken to improve the breeds of horses and cattle. The interest of tile drainage has not abated. Many farmers are preparing to double the area of their tiled lands during the season.

MACOUPIN—The prospect for corn is not as good as it was two weeks ago. The rains during the third week of the month greatly injured the corn. Not more than 90 per cent. of an average yield is expected. Sorghum cane does not look well. Winter wheat is nearly failure. Harvest began June 26. There will not be to exceed one-fifth of an average yield per acre of wheat. Winter rye is doing well and will make nearly an average crop. Oats are not up to the average for July 1 Irish and sweet potatoes are doing well. Meadows and pastures are backward. Small fruits and berries have yielded nearly an average crop. Field beans are doing well. The wool clip is not as large as last season. There is more interest taken by farmers to improve the breed of farm animals this season than ever before.

MADISON —The continued rains since last report has injuried the corn to some extent. There is some complaint of chinch bugs. The prospect is good for 95 per cent. of an average yield per acre. The same may be said of sorghum cane. Winter wheat will hardly make one-third of an average yield per acre. Rye will make about three-fourths of an average yield. Barley and oats are doing well and will make average crops. Tobacco has made fine growth. Irish and sweet potatoes are better than an average in condition. Meadows and pastures are in fair condition. Small fruits have yielded well. The wool clip is less than that of last season. Field beans are making good growth.

MARION—The ground has been wet and corn has suffered for want of cultivation. The prospect is not good for an average yield of corn per acre. Broom corn and sorghum cane are backward. Winter wheat will yield but little over half an average crop. Oats

are in fine condition and will make more than an average crop. Flax looks well. Irish and sweet potatoes are making good growth. Meadows and pastures are below the average in condition. Small fruits and berries made fair crops. The wool clip is much less than that of last season. Field beans are below the average in condition. There is some tiling being laid with good success.

MARSHALL—Corn is about two weeks late, but has good color and has been well cultivated. The same may be said of sorghum cane. Winter wheat will not make than one-fifth of an average yield per acre. Rye will make about two-thirds of an average crop. Spring barley and oats are in fine condition and will yield full crops. Irish and sweet potatoes have made good growth. Meadows and pastures are a little short but are growing finely. Small fruits and berries have yielded good crops. The condition of field beans and peas is excellent; the area a little larger than las season. The wool clip is some larger than that of last year. Farmers are laying mor tile than usual.

MASON—Corn is very small and backward, especially on the low grounds. The prospect is not good for more than 87 per cent. of an average yield per acre. The same may be said of sorghum cane. Winter wheat will make a little over one-third of an average yield per acre. Rye, spring wheat and oats are all doing well and will make average crops. Irish and sweet potatoes have made good growth and will make a large yield. Meadows and pastures are doing well. Small fruits and berries have yielded good crops. Field beans are about an average in area and condition. There is considerable improvement in the breeds of all kinds of farm stock.

MASSAC—The prospect of an average yield per acre of corn is good. The same may be said of sorghum cane. Winter wheat will make nearly an average yield per acre. Oats are in fine condition and promise an unusually large crop. Tobacco has made excellent growth. Irish and sweet potatoes are doing well. Meadows and pastures are in fine condition. Small fruits and berries have yielded large crops. Field beans and peas are looking well. The wool clip is about as large as that of last season. Farmers are paying more attention than usual to the improvement of the breeds of farm stock—especially horses and cattle.

McDONOUGH—Corn is very backward owing to the unfavorable weather in May and the inferior quality of the seed. The prospect is not good for more than three-fourths of an average yield per acre. The same can be said of broom corn and sorghum cane. Winter wheat will not make more than half of an average yield per acre. Harvest will commence July 10. Winter rye and spring wheat promise nearly average crops. Oats are about the average in condition for July 1. Irish and sweet potatoes are in fair condition. Meadows and pastures are doing unusually well. Small fruits and berries have yielded nearly average crops. Field beans are doing well; the area about that of last season. The wool clip is not as large as usual. There is an immense amount of tile being laid this season.

McHENRY—Corn is much improved in condition since last report. The weather has been favorable and the growth rapid and has been well cultivated; color good and the prospect is encouraging for nearly an average crop. The same can be said of sorghum cane. Winter wheat will make nearly an average crop. The area sown in this county is hardly worth reporting. Rye is looking well. Spring wheat, barley, oats and flax are all in good condition and promise about an average crop. Irish and sweet potatoes have made good growth. Meadows and pastures are doing very well. Small fruits and berries yielded well. Wool clip not so large as last season. Much attention is being paid to the breeding of Alderney, Polled Angus, Holstein and short horn cattle, and to all the better breeds of horses. A great deal of tile is being laid this season.

McLEAN—The first planting of corn is in fine condition but owing to the vast amount of replanting the crop as a whole does not come up to an average in condition. Winter wheat will not make more than one-half of the average yield per acre. Rye will yield about three-fourths of an average crop. Oats are in fine condition and a full average crop may be expected. Irish and sweet potatoes are doing well. Meadows and pastures are hardly up to the average. The yield of small fruits and berries has been good. The wool clip is not as large as last season. Much attention is given to the improvsment of all kinds of farm stock. An unusual amount of drain tile will be laid this season.

MENARD—Corn is growing rapidly; is clean and of good color. The prospect is good for about an average crop. The same may be said of broom corn and sorghum cane. Winter wheat will make a little over two-thirds of an average yield per acre. Rye promises nearly an average crop. Oats have grown rapidly and will yield about the average crop. Irish and sweet potatoes have made unusual good growth. Meadows and pastures are about the average in condition for July 1. The yield of small fruits and berries has been very good. The wool clip has been at least one-fifth less than that of last season. Farmers are paying increased attention to the improvement of the breeds of farm stock and to the drainage of low lands by tiling.

MERCER—Corn is very backward owing to the great amount of replanting. The stand is very uneven. The drouth has greatly injured the growing crop. The same may be said of broom corn and sorghum cane. Winter wheat will not make more than three-fourths of an average yield per acre. Winter rye will make little less than an average crop. Spring wheat and oats are in fair condition. Irish and sweet potatoes have made good growth. Meadows and pastures are short on account of a want of rain. Small fruits and berries made good yield. The wool clip is not as large as last season. The improvement of stock and the drainage of the low lands meets with proper attention from the farmers of this county.

MONROE—Corn is in splendid condition and the prospect is good for even more than an average crop. The same can be said of broom corn and sorghum cane. Winter wheat is but little better than a failure. Scarcely one-fourths of the average yield per

acre is expected. Winter rye will make about three-fourths of an average yield per acre. Spring barley and oats will exceed the average in yield per acre. Meadows and pastures are in good condition. The yield of small fruits and berries was good. The wool clip is about that of last year. Irish and sweet potatoes look unusually well and promise more than the average yield per acre.

MONTGOMERY—Corn is in very fair condition; clean and of good color. The prospect is good for nearly an average crop. The same may be said of broom corn and sorghum cane. Winter wheat is a failure. Rye will not make more than half the average yield per acre. Barley will yield about two-thirds of an average crop. Oats will make nearly an average yield per acre. Irish and sweet potatoes have made excellent growth. Meadows and pastures do not come quite up to the average. Small fruits and berries yielded well. Field beans and peas are doing well. The wool clip is not as large as last season. Farmers are giving especial attention to the improvement of horses and cattle. Clydesdale and Norman Stallions and Short-horn and Hereford bulls have been introduced since last fall.

MORGAN—Nearly all the corn has been "laid by;" has been well cultivated; and the prospect is good for more than the average yield per acre. Broom corn and sorghum cane are looking well. Winter wheat will yield a little more than a half crop. Rye promises nearly an average yield. Spring wheat will not make more than three-fourths of an average yield per acre. Oats will exceed the average in yield per acre. Tobacco is making fine growth. Irish and sweet potatoes are looking well. Meadows and pastures are in good condition. The yield of small fruits and berries was nearly an average. Field beans and peas are doing well. The wool clip is less than that of 1884.

MOULTRIE—Corn on high or tile drained land is in fine condition, but that on the low lands does not look well and much of it will not pay for cultivation. The prospect is good for about four-fifths of an average yield per acre. Broom corn and sorghum cane looks well. Winter wheat will not make more than one-fourth of an average yield per acre. Rye will make three-fourths of an average crop. Oats are not quite up to the average in condition. Irish and sweet potatoes are doing well. Meadows are a little below the average in condition. Pastures look very well for this season of the year. There was a fair crop of small fruits and berries. Field beans are not in good condition. The wool clip is not as large as that of last season. More drain tile than usual will be laid this season.

OGLE—Corn is growing very rapidly, and with favorable weather an average yield per acre may be expected. The same may be said of broom corn and sorghum cane. The frost of June 23 did but very little damage. Winter wheat will make about two-thirds of an average yield per acre. Rye will make nearly an average crop. Spring wheat and barley promise a good yield per acre. Oats will make even more than an average yield per acre. The yield of small fruits and berries has been fair. Field beans and peas are doing well. Meadows and pastures are in fine condition. Clover meadows are now being harvested. The wool clip is less than that of last season. More tile has been laid during this season than ever before in the same length of time in this county. The improvement of the breeds of farm animals is meeting with increased attention.

PEORIA—The prospect for corn is not good for more than three-fourths of an average yield per acre. The seed was inferior and would not germinate. The same can be said of broom corn and sorghum cane. Winter wheat will yield but little over one-half of an average crop. Rye will make three-fourths of an average yield per acre. Spring wheat and oats are looking well, and will make nearly average crops. Irish and sweet potatoes are in about the average condition for July 1. Meadows and pastures are in only fair condition, owing to the dronth during May. The yield of small fruits and berries was good. The wool clip is not up that of last year. The improvement of the breeds of farm stock is meeting with encouragement. Each succeeding year great improvement can be seen in stock.

PERRY—The prospect for corn is better than an average for July 1. The same may be said of broom corn and sorghum cane. Winter wheat on prairie lands is almost an entire failure; on timber land one-third of an average crop may be expected. Rye will make about two-thirds of an average yield per acre. Oats are above the average in condition and a large yield may be expected. Flax is doing well. Irish and sweet potatoes have made good growth. The dronth in May injured the meadows and pastures to some extent. The yield of small fruits and berries was good. Field beans and peas are not up to the average in condition for July 1. The wool clip is a little less than that of last season. Much attention is being paid to the improvement of farm stock, especially to horses.

PIATT—Corn is below the average in condition, owing to the inferior seed and the vast amount of replanting done on account of the cold, dry weather in the early part of May. Broom corn and sorghum cane are in fair condition. Winter wheat will make more than half an average yield per acre. Oats and flax are about an average in condition. Tobacco has made good growth. Irish and sweet potatoes are doing well. Meadows and pastures are about the average in condition. The yield of small fruits and berries was good. Field beans and peas are doing well. The wool clip is about the same as last season. The improvement of stock is meeting with increased attention. Tile drainage has been proven a success and a large amount will be laid this season.

PIKE—Corn is late and very uneven. There is danger of much of it being injured by the early frosts, owing to the late planting. The same may be said of broom corn and sorghum cane. Winter wheat is nearly a failure. The yield will not equal half the amount sown last fall. Rye will make nearly an average crop. Oats are in good condition and a large yield is expected. Irish and sweet potatoes are making good growth. Meadows and pastures are in fine condition. The last rains have kept the grass growing rapidly. The crop of small fruits and berries has been unusually good. Field beans are growing finely. The wool clip is

not as large as that of last season. The improvement of stock is receiving more attention than usual. Very little attention is being paid to tiling.

POPE—The corn prospect was never better than at present. A yield largely in excess of the average may be expected. Broom corn and sorghum cane are looking well. Winter wheat will make about two-thirds of an average yield per acre. Rye will make nearly an average crop. Spring wheat, oats and flax will make nearly average crops. Cotton is looking well. The condition of tobacco is better than an average for July 1. Irish and sweet potatoes are making fine growth. Meadows and pastures are in good condition. Small fruits and berries yielded unusually large crops. Field beans and peas are doing well. The wool clip is not quite as large as that of last season. Much attention is given to the general improvement of farm animals.

PULASKI—The condition of corn could hardly be better. Fields are clean, corn has good color and is now tasseling. The yield will exceed the average. Sorghum cane is looking well. Winter wheat will make nearly two-thirds of an average yield per acre. The quality of the berry is good. Oats look very well and with favorable conditions will make more than an average yield per acre. Owing to the abundant rains meadows and pastures are in fine condition. The yield of small fruits and berries has been unusually large. Field beans and peas have made fine growth and an average crop may be expected. The wool clip is larger than that of last season.

PUTNAM—Corn is very backward owing to the inferior seed. Not more than 50 per cent. of it will make an average yield, and the prospect for the entire county may be set down at three fourths of an average yield per acre. Sorghum cane is in fair condition only. Winter wheat will make but little over one-half of an average yield per acre. Rye will make nearly three-fourths of an average yield per acre. Spring wheat and oats promise good crops. Irish and sweet potatoes have made about the average growth for July 1. Meadows and pastures are not quite up to the average in condition. Small fruits and berries have yielded fair crops. The wool clip is not equal to that of last year. Considerable tile has been laid this spring. Lands drained by this system have proven the most productive of the county.

RANDOLPH—Corn since the first of the month has grown very fast. During the last ten days of the month the ground has been rather wet for cultivation. The prospect is good for a larger yield per acre than an average. The same may be said of sorghum cane. Winter wheat will make nearly two thirds of an average yield per acre. Rye promises nearly an average crop Oats give encouragement for a larger yield per acre than an average. Irish and sweet potatoes have made excellent growth and will yield an average crop. Meadows and pastures are improving under the favorable weather of the past ten days. The yield of small fruits and berries has been fair. Field beans and peas have made excellent growth. The wool clip is not as large as that of 1884.

RICHLAND—Corn looks well though some of it is small. It has been better cultivated than usual and promises a larger yield per acre than an average. The same may be said of broom corn and sorghum cane There will not be one-third of the average yield of wheat. Rye will make less than three-fourths of an average yield per acre. Oats look unusually well and will make an average yield. Irish and sweet potatoes are hardly up to the average for July 1. Small fruits and berries have yielded good crops. Field beans have made good growth. Meadows and pastures are not up to the average in condition. The wool clip is not as large as that of last season. The interest in the better breeds of horses and cattle increases each succeeding year. During the past season Clydesdale, Normans and Cleveland Bays have been introduced.

ROCK ISLAND—Corn is very uneven in growth, and is being injured by insects. The prospect is not encouraging for more than four-fifths of an average yield per acre. The same may be said of broom corn and sorghum cane. Winter wheat will not yield quite three-fourths of an average crop. Rye will yield better than wheat. Spring wheat, barley and oats will each yield nearly an average crop per acre. Irish and sweet potatoes are making good growth. Meadows and pastures are light and below the average in condition. Field beans and peas are doing well and promise a large yield. The wool clip is fully 10 per cent. less than that of last season. The improvement of the breeds of farm animals is receiving a great deal more attention than usual.

SALINE—The prospect for a large yield of corn was never better than at this date. Corn has been well cultivated and promises more than an average crop. Broom corn and sorghum are in fine condition. Winter wheat and rye will make nearly two thirds of average crops. Oats are in unusually fine condition and promise a full average yield per acre. Tobacco is looking well. Irish and sweet potatoes have made fine growth. Meadows and pastures are in fair condition. The yield of small fruits and berries has been very large. Field beans and peas are doing well. The wool clip was not equal to that of last year.

SANGAMON—Corn has been well cultivated and is very free from weeds. The prospect is encouraging for an average yield per acre. Winter wheat will not make quite half an average yield per acre. The grain is good. Harvest began June 30th. Winter rye will make about two-thirds of an average crop Spring wheat and oats will yield about an average crop. Irish and sweet potatoes are not quite up to the average condition for July 1. Meadows and pastures are in fine condition. The late rains have made the grass grow very rapidly. Small fruits and berries have yielded unusually large crops. Field beans are in good condition with an area equal to that of last year. The wool clip was not as large as that of 1884. Owing to the scarcity of money the area of drain tiled lands will not be increased as largely as was expected.

SCHUYLER—Corn on rolling or tiled land is in much better condition than that on the low lands. The prospect is good for nearly an average crop. Broom corn and sorghum cane are not in as good order as usual for

July 1. Winter wheat will not yield much over half an average crop. Rye looks well and promises a large yield. Spring wheat and oats are in fair condition with a good prospect for an average yield per acre. Irish and sweet potatoes have made good growth Meadows and pastures are in good condition. The yield of small fruits and berries has been large. Field beans and peas are doing well; area about that of last year. The wool clip is about as large as that of last season. A large amount of tile will be laid this season.

SCOTT—Corn is backward owing to the vast amount of replanting. The seed was not good, and the stand is very uneven. The prospect is not good for more than four-fifths of an average yield per acre. Winter wheat is but little better than a failure, and will not make more than one-fifth of an average yield per acre. Rye will yield nearly an average crop. Oats are in better condition than an average and a large yield is expected. Irish and sweet potatoes have make good growth. Meadows and pastures are better than an average in condition. The yield of small fruits and berries was large. The wool clip is not as large as that of last season. Considerable tile has been laid during the season.

SHELBY—The prospect for corn is only fair. The stand is very uneven owing to the vast amount of replanting. The seed was not good, the germ seemed to be more or less injured by the extreme cold winter. Broom corn and sorghum cane are looking well. Winter wheat is a failure. Rye will make nearly two-thirds of an average yield per acre. Oats are in fine condition and will make a large yield. Tobacco is growing rapidly and will make an average crop. Irish and sweet potatoes have made excellent growth. Meadows and pastures hardly come up to the average in condition. Small fruits and berries have done well. Field beans are not doing well. The wool clip is less than that of last year. Large quantities of drain tile is being laid.

STARK—Corn is in fine growing condition though in some portions rain is needed. The prospect is good for nearly an average yield per acre The same may be said of broom corn and sorghum cane. Winter wheat will yield but little less than an average crop. The same may be said of rye. Spring wheat, barley and oats all promise a full average yield per acre. Flax looks well. Irish and sweet potatoes are making fine growth. Meadows and pastures are in fair condition. The yield of small fruits and berries has been good. Field beans and peas are doing well. The wool clip is not as large as that of last season. Much attention is paid to the improvement of stock of all kinds.

ST. CLAIR—Corn is doing well. There was some trouble in getting a good stand owing to the inferior seed. The prospect is good for nearly an average yield per acre. Broom corn and sorghum cane are looking well. Winter wheat is almost an entire failure. The yield will not exceed one-tenth of an average crop. Rye will make nearly an average yield per acre. Barley and oats are in fine condition Of the latter an unusually large crop may be expected. Irish and sweet potatoes are making good growth. Meadows and pastures are not up to the average in condition. The yield of small fruits was nearly up to the average. The wool clip is not as large as it was last year.

STEPHENSON—Corn is in very fair condition and the prospect is good for nearly an average yield per acre. The same may be said of broom corn and sorghum cane. Winter wheat will make but little over one-half of an average yield per acre, Harvest is fully two weeks late. Rye will make nearly an average crop. Spring wheat, barley and oats all promise nearly an average yield per acre. Tobacco is looking well. Irish and sweet potatoes have made good growth. Meadows and pastures are not up to the average in condition. The small fruit crop has been good. Field beans are looking well. The wool clip is 20 per cent. less than that of last year. Considerable attention is paid to the improvement of all kinds of farm animals.

TAZEWELL—Corn is fully two weeks behind in growth. Has been well cultivated and promises nearly an average crop. There is some complaint of insects. Broom corn and sorghum cane are looking well. Winter wheat will not make more than half of an average yield per acre. Rye will make nearly an average crop. Spring wheat, barley and oats are in fine condition and promise full average crops Irish and sweet potatoes have made good growth. Meadows and pastures are in good condition. The yield of small fruits and berries has been good. Field beans and peas are doing well. The wool clip is not as large as that of last season. The drain tile has been tried in this county and has proven a great success. More tile than usual will be laid during this season.

UNION—The prospects for an average yield per acre of corn is very good. There is some complaint of insects. Sorghum cane is doing well. Winter wheat will make nearly two-thirds of an average yield per acre. Rye will not yield much more than half an average crop. Oats promise nearly an average crop. Irish and sweet potatoes have not made the usual growth for July 1. Meadows and pastures are backward and do not come up to the average. The yield of small fruits and berries was not large. The wool clip is fully one-fifth less than that of last year.

VERMILION—Corn has been injuried to some extent by root worms. It has been well cultivated and will make an average yield per acre. The same may be said of broom corn and sorghum cane. Winter wheat will make about 50 per cent. of an average yield per acre. The grain is of good quality. Harvest will commence July 6. Rye will yield about three-fourths of an average crop. Oats and flax are looking well and promise full average crops. Irish potatoes are in better condition than usual a yield in excess of the average. Meadows and pastures are looking fine. Small fruits and berries have yielded well. Field beans and peas have made good growth. The wool clip is about equal to that of last season.

WABASH—Corn has made very satisfactory growth. The early corn is beginning to tassel. The prospect is good for about an average yield per acre. The same can be said of sorghum cane. Winter wheat will not make quite one-half of an average yield per acre. Oats promise well and the yield will be large. Irish and sweet potatoes are

doing well. Timothy and red top meadows are doing well—clover was nearly all winter-killed. Pastures are in fair condition. There was a full crop of small fruits and berries. The wool clip is not as large as that of 1884. The demand for improved stock is on the increase. A large amount of tile will be laid this season.

WARREN—Corn has made fine growth and promises nearly an average yield per acre. Broom corn and sorghum cane are looking well and will make the average yield. Winter wheat gives encouragement for about three-fourths of an average yield per acre. Rye will make nearly the average crop. The same may be said of spring wheat and oats. Tobacco has made excellent growth. Irish and sweet potatoes are in fine condition. Meadows and pastures are hardly up to the average in condition. The crops of small fruits and berries was large. Field beans and peas are doing well. The wool clip is equal to that of last year. Tile drainage has given very satisfactory results and a large amount will be laid this season.

WASHINGTON—The prospect for an average yield per acre of corn is good. The stand is better than an average and it has been unusually well cultivated. The same may be said of broom corn and sorghum cane. Winter wheat will not yield per acre to exceed one-third of an average crop. Rye will make about a two-thirds yield per acre. Oats are better than an average in condition. Tobacco looks well Irish and sweet potatoes have made good growth. Meadows and pastures are not up to the average in condition. The yield of small fruits and berries has been large. The wool clip was not as large as that of 1884. There is an increased interest in the improvement of all kinds of stock.

WAYNE—Corn has been well cultivated and the prospect is good for about 92 per cent. of an average yield per acre. The same may be said of broom corn and sorghum cane. Winter wheat will not make more than one-third of an average yield per acre. The same may be said of rye. Oats will make nearly an average yield per acre. Irish and sweet potatoes have made good growth. Meadows and pastures are not up to an average in condition. The yield of small fruits and berries was large. Field beans and peas are doing well. The wool clip was larger than that of 1884. Farmers are paying more attention to the improvement of stock than usual. There has been some tiling done with good results.

WHITE—Corn is very backward, owing to the unfavorable weather in May, but has been well cultivated and is growing finely. The prospect is good for nearly an average yield per acre. The same may be said of broom corn and sorghum cane. Winter wheat will not make more than one-third of an average yield per acre. Rye will make one-half a crop. Oats are doing well and an average yield may be expected. Irish and sweet potatoes have made excellent growth. Meadows and pastures are not up to the average in condition. Small fruits and berries have yielded well. The wool clip is not as large as it was last year.

WHITESIDE—Corn has good color, fair size and is unusually clean. The prospect is good for an average yield per acre. Very little winter wheat raised in this county. Spring wheat and barley will make nearly an average yield per acre. Oats are in fine condition and promise an unusually large yield. Flax is doing well. Irish and sweet potatoes have made good growth. Meadows and pastures are in about the average condition, excepting clover meadows which suffered from the cold winter. Small fruits and berries made fair crops. Field beans and peas are doing well. Considerable interest is manifested in the improvement of the breed of all kinds of farm animals.

WILL—Corn is generally in very fair condition and is growing well. The prospect is good for nearly an average yield per acre. Sorghum cane is backward. Winter wheat will make nearly an average yield per acre. Rye and spring wheat promise a full average crop. Barley, oats and flax are backward and do not give encouragement for a large yield. Tobacco has not made the usual growth for July 1. Meadows and pastures are light owing to the cold dry spring. Some complaint of the army worm. Small fruits and berries yielded about three-fourths of an average crop Field beans and peas are looking well. The wool clip is not as large as that of 1884.

WILLIAMSON—The prospect for a large yield of corn is good and more than an average crop may be expected. The condition of broom corn and sorghum cane is excellent. Winter wheat will not yield more than 42 per cent. of an average crop. Rye will make about one-half of an average yield per acre. Oats are not up to the average in condition. Cotton and tobacco have made fine growth and will yield about an average crop. Irish and sweet potatoes are not up to the average condition for July 1. Meadows and pastures are not doing well. The yield of small fruits and berries was light. Field beans and peas are making fair growth. The wool clip is a little larger than in 1884.

WINNEBAGO—The stand of corn is fair, and it is generally clean but small in size. Some of it has been injured by cut worms and cold weather. Broom corn and sorghum cane are doing well. Winter wheat will make about two thirds of an average crop. Rye will make nearly an average yield per acre. Spring wheat, barley and oats all look well and will yield about average crops. Tobacco is looking well Irish potatoes are about the average in condition. Meadows and pastures are short. The yield of small fruits and berries has been larger than an average. Field beans and peas are doing well. The wool clip is about as large as last season.

WOODFORD—Corn looks well but is very small for this time of the year. The prospect is good for about 88 per cent. of an average yield per acre. The same may be said of broom corn and sorghum cane. Winter wheat will make but little over half an average yield per acre. Rye will make three-fourths of an average crop. Spring wheat and barley do not promise more than two-thirds of an average yield. Irish and sweet potatoes have done very well. Meadows and pastures are not up to the average in condition for July 1. Small fruits and berries have yielded well The wool clip is not quite as large as that of 1884.

WEATHER REVIEW

Illinois Department of Agriculture,

MONTH OF JUNE, 1885.

This review contains a general summary of the conditions which prevailed over Illinois during the month of June 1885 based upon the reports received from the signal service and voluntary observers reporting to the Illinois Department of Agriculture.

DIVISIONS.

The State covers such an extended area from north to south (385 miles) that it has been found advisable to devide the same and follow the judicial divisions which include the following territory, viz; northern division extends from 42°.30 to about 40°.31; the central division extends from about 40°.31 to about 39°; the southern division from about 39° to 36°.51.

TEMPERATURE.

The mean temperature of June 1885 as indicated by the reports of observers residing in all sections of the State was higher than the average temperature of June at six stations and lower at sixteen stations, eleven new stations are not included.

The mean temperature of June the past five years has been as follows, viz: 1881, 70°.53; 1882, 71°.12; 1883, 69°.40; 1884, 71°.08; 1885, 71°.03.

The highest temperature noted in June for a term of years has been as follows: 1881, 99°.00; 1882, 98°.00; 1883, 95°.00; 1884, 98°.00; 1885, 96°.00 and the lowest temperature for same month has been as follows: 1881, 39°.00; 1882, 39°.00; 1883, 40°.00; 1884, 45°.00; 1885, 36°.00.

The highest temperature reported in June 1885 was 96°.00 on the 3d at Centralia. The lowest 36°.00 on the 9th at Wilton Center, Will county. The highest temperature during the month at a majority of the stations was on the 7th and 26th, the lowest on the 8th and 9th.

The most marked changes in the temperature of the northern division of the State during the month was on the 8th of June when the lowest daily mean of 50°.00 was recorded for the northern stations. The mean temperature the previous day was 75°.00 making a change of 25°.00 in twenty-four hours. There was another marked change in the temperature in the northern division on the 21st when the daily mean was 8°.00 below that of the preceeding day. On the following day (22nd) there was another fall in the temperature of 8°.00 making the reduction 16°.00 in two days.

The monthly mean temperature for the central division of the State was 70°.00. The greatest departures were noted on the 9th when 58°.00 was recorded as the daily mean and on the 22nd and 23rd when the daily mean for the central stations was 62°.00.

The lowest daily means noted during June 1885 for the southern division of the State were as follows; 60°.00 on the 9th; 62°.00 on the 22nd and 64°.00 on the 30th. The monthly mean for the stations in the southern division of the State was 71°.00, or 1°.00 higher than the mean for the central division of the State.

The mean temperature for the month was lower than the average temperature of June, as noted at the following stations, from which reports have been received for a term of years, viz: Marengo, McHenry county, 1°.60 below the June average; Chicago, Cook county, 0°.88; Aurora, Kane county, 0°.59; Sycamore, DeKalb county, 1°.37; Davenport, Iowa, 2°.09; Peoria, Peoria county, 0°.20; Keokuk, Iowa, 2°.21; Springfield, Sangamon county, 0°.42; Griggsville, Pike county, 1°.17; Mattoon, Coles county, 0°.87; Pana, Christian county 1°.75; Palestine, Crawford county, 1°.06; Collinsville, Madison county, 2°.00; St. Louis, Mo., 0°.93; Goleonda, Pope county, 0°.89; Cairo; Alexander county, 1°.06.

The mean temperature for the month was higher than the average temperature of June as noted at the following stations, from which reports have been received for more than one year, viz: Prairieville, Lee county, 1°.91 higher than the June average; Bunker Hill, Macoupin county, 0°.10; Greeneville, Bond county, 0°.34: McLeansboro, Hamilton county, 0°.07; Anna, Union county, 1°.91. Swanwick, Perry county, 0°.46.

This review contains the first observations made for June by the reporters at the following new stations, where the mean temperature for June, 1885, was as follows, viz: Wilton Center, Will county, 67°.00; Oneida, Knox county, 69.93; Oquawka, Henderson county, 68°83; Watseka, Iroquois county, 65°.45; Philo, Champaign county, 69°.40; Atwood, Piatt county, 69°.94; Hugo, Douglas county, 70°.63; Vandalia, Fayette county, 74°.60; Centralia, Marion county, 74°.90; Marion, Williamson county, 77°.94.

Attention is invited to the table published elsewhere, giving comparison at each station of the mean temperature of June, 1885, with the corresponding month of former years.

FROSTS.

Frosts are reported to have occurred during the month of June at the stations named on the following dates: Champaign county, Philo, 9th; Christian county, Pana, 9th; Coles county, Mattoon, 9th; Douglass, county, Hugo, 8th; Iroquois county, Watseka, 9th; Knox county, Oneida, 9th; McHenry county, Marengo, 9th; Piatt county, Atwood, 9th; Will county, Wilton Center, 9th.

PRECIPITATION.

The average June precipitation for the weather stations reported is 5.64 inches or 0.49 inches more than the average June rainfall of the State for the past eight years. The average June rainfall of the State for a term of years is given in the following table as well as the total precipitation for the first six months of the years 1878 to 1885 inclusive.

MONTH.	YEAR.								AV.
	1878	1879	1880	1881	1882	1883	1884	1885	
January	1.46	1.61	3.86	1.49	2.41	1.87	1.21	2.84	2.09
February	2.31	1.64	2.71	4.68	4.80	6.55	4.03	1 29	3.50
March	2.69	2.26	2.78	2.89	4.47	1.63	2.81	0.51	2.63
April	4.15	2.02	3.79	2.49	3.75	4.17	2.81	4.11	3.41
May	6.01	2.62	5 21	2.48	6.48	5.66	4.27	2.95	4.91
June	3.11	3.88	3.71	6.52	7.58	5.75	5 05	5.64	5.16
Total	19.73	14.03	22.06	21.55	29.49	25.63	20.18	17.31	3.62

The total precipitation for the first six months of the current year is nearly one fifth (18.5 per cent.) less than the average (21.34 inches) rainfall for the corresponding months during the past eight years.

The departures from the average precipitation at the several stations included in this review are shown in a table published elsewhere in this report.

The exceptionally heavy daily precipitations reported in June 1885 and exceeding one inch of rainfall daily are as follows.

June 2, Marengo, McHenry county, 2.39 inches; Aurora, Kane county, 1.02 inches; Sycamore, DeKalb county. 2.50 inches: Oquawka, Henderson county, 1.50 inches.

June 3, Chicago, Cook county, 2.90 inches; Aurora, Kane county, 1.30 inches.

June 4, Watseka, Iroquois county, 1.06 inches.

June 7, Sycamore, DeKalb county, 1 inch.

June 11, Mattoon, Coles county, 1.32 inches.

June 12, Golconda, Pope county, 1 92 inches; Cairo, Alexander county, 1.43 inches.

June 13; Keokuk, Iowa, 1.05 inches; Mascoutah, St. Clair county, 1.30 inches.

June 14, Philo, Champaign county, 1.60 inches; Hugo, Douglas county, 2.06 inches; Mattoon, Coles county, 3.50; Bunker Hill, Macoupin county, 2.20 inches: Centralia, Marion county, 2.15 inches; Anna. Union county, 1.39 inches, Golconda, Pope county, 2.33 inches.

June 15, Hugo, Douglas county, 1.50 inches; Mattoon, Coles county, 1.13 inches; Pana, Christian county, 2 inches; Bunker Hill, Macoupin county, 1.14 inches; Greenville, Bond county, 1.25 inches; Collinsville, Madison county, 1.08 inches; Centralia, Marion county, 1.05 inches; St. Louis, Mo., 1.27 inches; Mascoutah, St. Clair county, 1 inch; Fairfield, Wayne county, 1.13 inches; McLeansboro, Hamilton county, 1.45 inches; Marion, Williamson county, 2.85 inches; Anna, Union county, 1.72 inches; Swanwick, Perry, county, 1.29 inches.

June 16. Palestine, Crawford county, 1.22 inches; Marion, Williamson county, 1.96 inches; Golconda, Pope county, 1.22 inches,

June 19. Sycamore, DeKalb county, 2.20 inches; Prairieville, Lee county, 2.12 inches; Mattoon, Coles county, 1 inch; Greenville, Bond county, 2 inches.

June 20. Marengo, McHenry county, 1.86 inches; Bunker Hill, Macoupin county, 3.13 inches; Carlyle, Clinton county, 1.99 inches; Collinsville, Madison county, 3.55 inches; Centralia, Marion county, 3 inches; St. Louis, 2.66 inches; Mascoutah, St. Clair county, 5 10 inches; Fairfield, Wayne county, 1.25 inches; McLeansboro, Hamilton county, 2.04 inches; Marion, Williamson county, 1.07 inches; Swanwick, Perry county, 2.38 inches.

June 21. Watseka, Iroquois county, 1.04 inches; Keokuk, Iowa, 1.37 inches; Springfield, Sangamon county, 1.46 inches; Philo, Champaign county, 1.30 inches; Griggsville, Pike county, 1.21 inches; Pana, Christian county, 2.25 inches.

June 25. Collinsville, Madison county, 1.12 inches; Marion, Williamson county, 1.30 inches; Golconda, Pope county, 1.04 inches.

June 26. Pana, Christian county, 1 inch.

The precipitation for June 1885, exceeds the June average for a term of years as noted at the following stations: At Marengo, McHenry county, the June 1885 precipitation was 1.69 inches more than the average rainfall for a term of years; Chicago, 0.95 inches; Aurora, Kane county, 1.47 inches; Peoria, Peoria county, 0.02 inches; Mattoon, Coles county, 1.38 inches; Pana, Christian county, 5.12 inches; Bunker Hill, Macoupin county, 2.13 inches; Collinsville, Madison county, 1.94 inches; St. Louis, Mo , 2.69 inches; Anna, Union county, 0.72 inches; Golconda, Pope county, 3.08 inches; Cairo, Alexander county, 0.10 inches.

The rainfall for June is less than the average for the month at the following stations: At Sycamore, DeKalb county, the June 1885 precipitation was 0.30 inches less than the average precipitation for June; Prairieville, Lee county, 0.41 inches less; Davenport, Iowa, 2.80 inches; Keokuk Iowa, 1.38 inches; Springfield, Sangamon county, 2.31 inches; Griggsville, Pike county, 1.98; Palestine, Crawford county, 0.81 inches; Greenville, Bond county, 1.54 inches; McLeansboro, 0,96 inches; Swanwick, Perry county, 0.31 inches.

The rainfall was not evenly distributed during the month of June. There was a scarcity of rain in the Southern Division of the State during the first ten days of the month and a super abundance near the middle of the month. A very heavy rainfall was reported at nearly every station in the Southern Division of the State on the 20th and considerable rain fell on the 21st and 25th of the month. The slight showers in the Southern Division of the

State the first ten days of the month are hardly worthy of mention, and the same may be said of the slight local showers on the 23, and 27, no rain fell at any of the Southern stations on the 1, 2, 5, 6, 7, 9, 17, 18, 22, 24, 28, 29 and 30.

In the Central Division of the State there was no rain on the 6, 10, 17, 18, 24, 29, and 30, and slight showers at a few stations on the 1, 2, 5, 7, 8, 9, 12, 16, 22, 23, 25, 26, and 28. The rains were quite general over this portion of the State on the 3, 4, 11, 13, 14, 15, 20, 21 and 27. The heaviest rains in the central counties in June were reported on the 14, 15 and 21.

There were no rains reported in the northern division on the 9th, 10th, 11th, 16th, 17th, 18th, 23rd, 24th, 25th, 29th, and 30th. Slight local showers were reported at some of the northern stations on the 1st, 5th, 8th, 12th, 20th, 21st, 26th and 28th. There were good general rains in this portion of the State on the 2nd, 4th, 7th, 13th, 14th, 15th, 19th and 21st. The heavest rains in the northern counties fell on the 2nd and 19th.

The distribution during the month of June and the amount of precipitation on the days it occured are given in the table published elsewhere in this review, for each station from which a report has been received.

HAIL.

Coles county, Mattoon. A little hail fell on the 15th.

DeKalb county, Sycamore. There was some hail on the 7th and 27th.

Henderson county, Oquawka. There was some damage done by the hail and wind storm on the 2nd.

Iroquois county, Watseka. On the 4th there was a strong gale from the southwest with heavy thunder and some hail.

Perry county, Swanwick. There was some hail on the 20th.

Pope county, Golconda. Some hail fell on the 14th.

Wayne county, Fairfield. Light hail storm on the 18th.

HIGH WINDS.

Champaign county, Philo. On the 4th about 2:30 p. m., a roaring sound was heard in the sky and the clouds were in great commotion. The cyclone that followed came from the southwest and moved toward the northwest. About 4 o'clock the breeze developed into a tornado which blew down fences, fruit trees, several barns and small buildings.

Christian county, Pana. There was considerable damage done by a gale of wind having a velocity of 50 miles per hour which passed from 3 to 8 miles north of this point on the 14th. Buildings were unroofed and orchards were blown down.

Douglas county, Hugo. There were thunder-storms at intervals on the 15th and a heavy wind at 6 p. m., which unroofed buildings, uprooted orchard trees and did considerable damage in the central portion of the county.

Iroquois county, Watseka. On the 4th inst there was a strong gale from the southwest with heavy thunder and some hail.

Marion county, Centralia. On the 14th there was a severe storm which threatened to be a tornado and 2.15 inches of rain fell in a few minutes, thunder was terific and the lightning very brilliant. On the night of the 20th another fierce storm visited this locality and 3 inches of rain fell.

ATMOSPHERIC ELECTRICITY.

AURORAS.

Auroral displays in June were reported only at one station, viz: Irishtown in Clinton county, on the 7th, 13th, 14th and 19th.

THUNDER STORMS.

Thunder storms occured in the counties named during the month of June as noted below: Champaign county, Philo, 3rd, 4th, 14th, 15th, 20th, 21st, 28th; Christian county, Pana, 3rd, 4th, 7th, 11th, 13th, 14th, 15th, 19th, 21st, 26th, 27th; Clinton county, Irishtown, 11th, 13th, 14th, 15th; Coles county, Mattoon, 3rd, 4th, 11th, 13th, 14th, 15th, 19th, 26th; Crawford county, Palestine, 11th, 14th, 15th; DeKalb county, Sycamore, 2nd, 4th, 6th, 7th, 13th, 15th, 17th; Douglas county, Hugo, 14th, 15; Fayette county, Vandalia, 4th, 11th, 13th, 14th, 15th; Henderson county, Oquawka, 2nd, 7th, 12th, 27th; Iroquois county, Watseka, 4th, 15th, 27; Kane county, Aurora, 2nd, 4th 7th, 21st; Knox county, Oneida, 2nd, 4th, 7th, 12th, 13th, 14th, 19th, 214t, 27th, Lee county, Prairieville, 2nd, 7th, 12th, 14th, 15th, 19th, 21st, 27th; Macoupin county, Bunker Hill, 4th, 13th, 14th, 15th, 20th; Madison county, Collinsville, 11th, 13th, 13th, 14th, 15th, 20th, 21st, 25th; McHenry county, Marengo, 2nd, 7th, 21st, 26th; Peoria county, Peoria, 2nd, 4th, 7th, 12th, 14th, 15th, 21st; Perry county, Swanwick, 3rd, 13th, 15th, 20th, 21st, 25th; Piatt county, Atwood, 3rd, 4th, 6th, 8th, 11th, 12th, 14th, 21st, 27th; Pike county, Griggsville, 4th, 7th, 11th, 12th, 13th, 14th, 15th, 19th, 21st, 27th; Pope county, Golconda, 14th, 15th, 21st, 25th, 26th; St. Clair county, Muscoutah, 13th, 14th, 15th, 19th, 25th; Union county, Anna, 11th, 13th, 15th, 20th, 21st, 25th; Washington county, Summitt Hill, 21st, 25th, 26th; Will county, Wilton Center, 2nd, 13th, 14th, 20th, 21st; Williamson county, Marion, 25th.

OPTICAL PHENOMENA.

SOLAR HALOS.

Solar halos were observed in the counties named during the month of June as noted; Champaign county, Philo, 9th, 24th, 30th; Hamilton county, McLeansboro, 19th, 30th; Keokuk, (Iowa), 30; Knox county, Oneida, 5th; Lee county, Prairieville, 5th; Perry county, Swanwick, 30th; Piatt county, Atwood, 24th, at 9 a. m. and 4 p. m; Pike county, Griggsville, 30th; Sangamon county, Springfield, 9th, 24th, 30th; St. Louis, (Mo)., 16th.

LUNAR HALOS

Lunar Halos were observed in the counties named, during the month of June as noted: Alexander county, Cairo, 21st; Champaign county, Philo, 24th, 29th; Davenport Iowa, 26th; Kane county, Aurora, 20th, 26th; Keokuk Iowa, 24th, 25th 26th; Knox county, Oneida, 24th; McHenry county, Marengo, 20th, 22nd; Perry county, Swanwick, 22nd; Sangamon county, Springfield. 18th, 20th; St Louis, Mo., 1st; Wayne county, Fairfield, 19th.

METEOROLOGY.

The science of meteorology is deservedly receiving more attention each succeeding year, especially at the hands of the more intelligent farmers who realize the great practical value of information of this character to all engaged in agricultural pursuits.

NEW OBSERVERS.

The Department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, that are giving attention to the science of meteorology. The attention of all interested in having the meteorological history of each county in the State preserved in the Monthly Weather Review of the Department, is invited to the importance of this work and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

CHARLES F. MILLS,

Secretary.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF JUNE, 1885.

ALEXANDER COUNTY—C. L. BOZZELL, Private, Signal Corps, U. S. A., Cairo. (Record begins June 6.) Highest barometer, 30.213 on the 18th; lowest, 29.776 on the 7th; mean, 30.036; range, 0.437. Highest thermometer, 92° on the 7th; lowest, 53°.20 on the 9th; range, 38°.80; greatest daily range, 54°.6 on the 8th; least daily range, 7°.80 on the 12th; mean daily range, 15°.80. The mean temperature of the month, 74°.50, was 1°.06 below the mean of the last 14 Junes. The mean daily dew-point was 65°.30, and the mean humidity, 74.20 per cent. The prevailing direction of the wind was s., and its total movement 4,650 miles. The maximum force of the wind during June was 29 miles per hour. Rain fell on 11 days, the precipitation amounting to 4.63 inches. This was 0.10 inch more than the average June rainfall for the last 14 years. There was a lunar halo on the 21st.

BOND COUNTY—JOHN B. WHITE, Observer, Greenville. Highest thermometer, 95° on the 7th and 26; lowest, 62° on the 9th; range, 33°; greatest daily range, 28° on the 9th; least daily range 5° on the 21st; mean daily range, 17°.38. The mean temperature of the month, 74°.60, was 0°.34 above the mean temperature of the past two Junes. Rain fell on 9 days, viz.: June 8, 10, 14, 15, 19, 21, 23, 25 and 27. The precipitation, 5.06 inches, was 1.54 inches less than the average rainfall of the 2 last Junes. The prevailing wind of the month was s.e.

CHAMPAIGN COUNTY—HUBERT A. BURR, Observer, Philo. Highest barometer, 30.230 on the 18th; lowest, 29.670 on the 7th; mean, 40.070. Highest temperature, 86° on the 3d, 4th and 28th; lowest, 43° on the 8th; mean, 69°.40. There was a cold wave on the 8th when the temperature fell 15° in 15 minutes. Frost on the 9th. The prevailing wind of the month was n.e. and its maximum force 80 to 99 miles per hour. A cyclone came from the south-west moving towards the northwest. About 2.30 p.m. on the 4th a roaring sound was heard in the sky and the clouds were in great commotion. About 4 o'clock the breeze developed into a tornado which blew down fences, fruit-trees, several barns, and small buildings. A large barn, 50x60 feet was moved from its foundation. But little damage was done to crops. Rain fell June 4, 7, 11, 14, 15, 20, 21, 27 and 28, the precipitation amounting to 5.12 inches. Thunder-storms on the 3d, 4th, 14th, 15th, 20th, 21st 28th and 29th. There were 3 clear days and no entirely cloudy days during the month. Solar halos were observed on the 9th, 24th and 30th, and lunar halos on the 24th and 26th.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. This has been the coldest June for three years, the mean temperature, 68°.25, being 1°.75 below the average for that time. The highest temperature was 90° on the 7th; the lowest, 51° on the 9th; range, 39°; greates daily range, 23° on the 5th; least daily range, 3° on the 21st; mean daily range, 14°60. Rain fell June 3, 8, 11, 13, 14, 15, 21, 26 and 27. The precipitation, 10.50 inches, was 5.12 inches more than the average of the of the past 3 Junes, and nearly three times as much as the mean rainfall of June 1883 and 1884. There were 14 clear, 1 fair and 15 cloudy days in the month. Thunder-storms June 3, 4, 7, 11, 13, 14, 15, 19, 21, 26 and 27. There was a white frost on the 9th but no damage was done. The prevailing direction of the wind was s.e. and its greatest force 50 miles per hour. Much damage was done by the gale, such as unroofing buildings, blowing down orchards, etc. Winds followed by rain were, s.e., w., n.w., and s.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Highest temperature, 87° on the 7th; lowest, 50° on the 9th; range, 37°; greatest daily range, 21° on the 10th; least daily range, 8° on the 17th and 23d; mean daily range, 13°.80. Rain fell on 9 days, viz.: 11, 12, 13, 14, 15, 19, 20, 21 and 25, and the precipitation amounted to 5.29 inches. Thunder-storms June 11, 13, 14 and 15. Auroras were observed on the 7th, 13th, 14th and 19th.

COLES COUNTY—WM. DOZIER, Observer, Mattoon. The mean temperature of the month, 70°.60, has been very near the normal, being but 0°.87 below the mean of the past 6 Junes. The highest temperature, 90°, occurred on the 27th; the lowest, 47°, on the 9th. The range for the month was 43°. Rain fell June 3, 4, 5, 8, 11, 12, 13, 14, 15, 16, 20, 21, 22 and 26, the precipitaion amounting to 6.70 inches, which was 1.38 inches more than the average June rainfall for 6 years past. Thunder-storms June 3, 4, 11, 13, 14, 15, 19, 26 and 27. A little hail fell on the 15th. There was a slight frost on the 9th, but no damage was done. The prevailing wind of the month was s., and its greatest force 50 to 59 miles per hour on the 15th.

COOK COUNTY—T. B. JENNINGS, Sergeant, Signal Corps, U. S. A., Chicago. Highest barometer, 30.272 on the 30th; lowest, 29.577 on the 7th; mean, 30.001; range, 0.695. Highest thermometer 87°.70 on the 7th; lowest, 42°.10 on the 8th; range, 45.60; greatest daily range, 29°.30 on the 6th; least daily range, 5° on the 5th; mean daily range, 16°.40. The mean temperature of the month, 65°.40, was but 0°.88 below the mean temperature of the last 14 Junes. The mean daily dew-point was 55°.10 and the relative humidity 70.80 per cent. The prevailing direction of the wind was e. and its total movement 46.49 miles. The greatest velocity of the wind was 24 miles per hour. There were 9 clear, 15 fair and 6 cloudy days in June. Rain fell in appreciable quantities on 11 days, and the precipitation, 5.20 inches, was 0.95 of an inch more than the average June rainfall for the last 14 years.

CRAWFORD COUNTY—J. E. TEMPLETON, Observer, Palestine. Highest temperature; during the month was 90° on the 4th; the lowest, 55° on the 8th a range of 35°. The greatest daily range was 24° on the 8th; the least daily range, 8° on the 15th and 22d; mean daily range, 13°.05. The mean temperature of the month, 71° 85, was 1°.06 below the mean temperature of the last three Junes. Rainfall on 10 days, viz: June 3, 4, 11, 13, 14, 15, 16, 20, 21 and 25, the precipitation amounting to 3.40 inches, which was 0.81 of an inch less than the average June precipitation for 3 years past. There were 10 clear, 18 fair and 2 cloudy days in June. Thunder-storms June 11, 14, 15. The prevailing wind was s. e. and its greatest force 6 to 14 miles per hour.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. Highest temperature, 87° on the 12th and 26th; lowest, 46° on the 8th; range, 41°; great daily range, 26° on the 7th; least daily range, 4° on the 27th; mean daily range, 16°.75. The mean temperature of the month, 65°.49, was 1°.37 below the mean temperature of the last 5 Junes, and the rainfall, 7.04 inches, was 0.30 of an inch less than the average precipitation for the same months. Rain fell on 10 days, viz: June 2, 4, 6, 7, 13, 14, 15, 19, 21, and 27. There were 11 clear, 14 fair and 5 cloudy days during the month. Thunder-storms June 2, 4, 6, 7, 13, 15 and 17. Hail fell on the 7th and 27th. The prevailing wind was n.w., and its greatest force 6 to 14 miles per hour.

DOUGLAS COUNTY—A. C. WILLIAMS, Observer, Hugo. Highest temperature 90° on the 27th, lowest, 42° on the 9th; range, 48°; greatest daily range, 34° on the 9th; least daily range, 8° on the 23d; mean daily range, 15°.90. The mean temperature of the month was 70°.63. There were 9 clear, 10 fair and 11 cloudy days in June. Rain fell on ten days, viz: June 3, 4, 7, 11, 13, 14, 15, 20, 21 and 27, the precipitation amounting to 6.70 inches. Thunder-storms on the 14th and 15th. On the 15th the storm was accompanied by a high wind which unroofed buildings, uprooted trees and did considerable damage in the central part of the county. The prevailing wind was n. w. and its greatest force 60 to 69 miles per hour. Frost on the 8th.

FAYETTE COUNTY—JOSEPH URBANI, Observer, Vandalia. The highest barometer during the month was 30.260 on the 18th and 30th; lowest, 29,660 on the 4th; mean; 30.020; range, 0.600. Highest thermometer, 93° on the 28th; lowest, 60° on the 8th and 9th; mean, 74°.60. The range of the thermome was 33°; the greatest daily range was 18° on the 2d, 6th, 10th and 26th; least daily range 10° on the 5th, 11th and 22d; mean daily range; 13°.83. Rain fell on 9 days, viz.: June 4, 12, 13, 14, 15, 19, 20, 25 and 26. Thunder was heard on the 4, 11, 13, 14 and 15. About 8 p.m. on the 14th it commenced raining heavily, and for fully an hour the flashes of lightning followed each other at intervals of scarcely five seconds, but no thunder was heard for a long time.

HAMILTON COUNTY—WM. P. GIBBS, Observer, McLeansboro. The mean temperature of June, 73°.59, was but 0°.07 above the mean of the past 4 Junes The highest temperature was 96° on the 27th, the lowest, 45° on the 9th; range, 51°; greatest daily range, 34° on the 1st; least daily range, 4° on the 30th; mean daily range, 22°.80. Rain fell June 12, 13, 15, 20, 21, 22 and 26, the precipitation amounting to 4.83 inches, or 0.96 of an inch less than the June average for the last 4 years. There were 19 fair, 11 cloudy and no entirely clear days during the month. The prevailing winds were n.w. and s., and the maximum force of the wind was 40 to 59 miles per hour. Solar halos on the 19th and 30th.

HANCOCK COUNTY—FRED Z. GOSEWISCH, Sergeant Signal Corps, U. S. A., Keokuk, Ia. Highest barometer, 30,261 on the 30th; lowest, 29,630 on the 7th; mean, 29,988; range, 0.631. Highest temperature, 88°.80 on the 7th; lowest, 48°.90 on the 9th; range, 39°.90; greatest daily range, 24°.60 on the 11th; least daily range, 9° on the 14th; mean daily range, 17°.50. The mean temperature of June 1885, 70°.10, was 2°.21 below the mean of the last 14 Junes. Only June 1876 and 1883 were cooler. The main daily dew-point was 61°.30 and the mean relative humidity 75 per cent. The prevailing direction of the wind was s., and its total movement 5,200 miles. The greatest force of the wind was 36 miles per hour on the 7th. There were 5 clear, 22 fair and 3 cloudy days in June. Rain fell on 14 days, and the precipitation, 6.97 inches, was 1.38 inches less than the average rainfall of 14 Junes. There was a solar halo on the 30th and lunar halos on the 24th, 25th and 26th.

HENDERSON COUNTY—JAMES PETERSON, Observer, Oquawka. Highest temperature, 87° on the 26th; lowest, 50° on the 8th; mean, 68°.83. The range of temperature was 37°; greatest daily range, 20° on the 5th and 8th; least daily range, 5° on the 19th; mean daily range, 13°.70. Rain fell on 7 days, viz: June 1, 2, 3, 7, 12, 20 and 27, the precipitation amounting to 3.03 inches.

Thunder-storms on the 2d, 7th, 12th and 27th. Hail storm on the 2d, and some damage done by the wind. About 6 p. m., of the 7th a dark, greenish looking cloud passed about 1 mile north of here going from w. to e., the wind being from the n.w. at the time. The barometer was lower than at any time this year, but rose rapidly just before the storm passed. There were 12 clear, 5 fair and 13 cloudy days in June. The prevailing wind was s.w.

IROQUOIS COUNTY—HENRY UPSALL, Observer, Watseka. Highest temperature, 92° on the 27th; lowest, 38° on the 9th; mean, 69°.45. The greatest daily range of temperature was 38° on the 9th; least daily range, 14° on the 8th and 21st; mean daily range, 24°.97. Rain fell June 3, 4, 7, 13, 15, 20, 21 and 27, the precipitation amounting to 3.10 inches. Thunder-storms on the 4th, 15th, and 27th. On the 4th there was a strong gale from the s.w. with heavy thunder and some hail. A light frost occurred on the 9th, but no damage was done. The prevailing wind of the month was n.w.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.220; lowest, 29.630; mean, 29.970; range, 0.590. The thermometer ranged from 44° on the 8th to 90° on the 26th—a range of 46°. The greatest daily range, 29°, occurred on the 11th; least daily range, 13°, on the 3d: the mean daily range was 20°.77. The mean temperature of the month, 68°.49, was 0°.50 below the mean temperature of the last three Junes. Rain fell June 2, 3, 4, 7, 8, 13, 15, 19, 20, 21 and 27. The precipitation, 5.07 inches, was 1.47 inches more than the average June rainfall for three years past. There were 15 clear, 10 fair and 5 cloudy days during the month. Thunder-storms on the 2d, 4th, 7th, 21st and 27th. The mean humidity of the month was 74 per cent. The wind was n. at 9 observations, n.e. at 9, e. at 3, s.e. at 16, s. at 9, s.w. at 9, w. at 30 and n.w. at 5 observations. The maximum velocity of the wind during June was 30 to 39 miles per hour. There were two lunar halos during the month, on the 20th and 26th.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. The highest temperature during the month, 92° on the 26th; lowest, 45° on the 8th; mean 69°.93. The range of temperature was 47°; greatest daily range, 22° on the 21st; least daily range, 2° on the 19th; mean daily range, 14°.83 The total precipitation of the month was 3.40 inches, rain falling June 1, 4, 6, 7, 13, 14, 15, 19 and 21. Thunder storms June 2, 4, 7, 12, 13, 14, 19, 26 and 27. There were 12 clear, 8 fair and 10 cloudy days in June. Frost occurred on the 9th. There was a solar halo on the 5th and a lunar halo on the 24th. The winds for the month were, n. 2 times, n.e. 6, e. 1, s.e. 4, s. 13, s.w. 23, w. 15, n.w. 6, and calm 20 times.

LEE COUNTY—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.200 on the 30th; lowest, 29.630 on the 4th; mean, 29 934; range, 0.570. Highest thermometer, 90° the 26th; lowest, 49° on the 8th; range, 41°; greatest daily range, 19° on the 1st; least daily range, 2° on the 14th; mean daily range, 13°.28. The mean temperature of the month, 69° 80, was 1°.91 above the mean temperature of the last 5 Junes, and the precipitation, 4.92 inches, was 0.41 of an inch less than the average rainfall of that time. Rain fell on June 2, 7, 12, 14, 15, 19, 21 and 27. There were 8 clear, 10 fair and 12 cloudy days in June. Thunder-showers June 2, 7, 12, 14, 15, 19, 21 and 27. The mean humidity of the month, was 76.90 per cent. Prevailing wind s; maximum force 15 to 29 miles per hour; total movement 36.26 miles. Solar halo on the 5th.

MACOUPIN COUNTY—F. C. ZIMMERMAN, Observer, Bunker Hill. The month of June, 1885, was 0°.25 warmer than June, 1884, its mean temperature being 71°.15 The highest temperature was 92° on the 4th and 28th; the lowest, 41° on the 9th; range, 51°; greatest daily range, 34° on the 10th; least daily range, 20° on the 16th; mean daily range, 26°.23. Rain fell on 8 days, viz: June 4, 8, 13, 14, 15, 20, 21 and 25, the precipitation amounting to 8.22 inches, which is more than double the rainfall (3.96 inches) of June, 1884. Thunder-storms occurred June 4, 13, 14, 15 and 20.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 91° on the 4th; lowest, 51° on the 30th; range, 40°; greatest daily range, 27° on the 1st; least daily range, 12° on the 16th; mean daily range, 19°.30. The mean temperature of the month, 72°.06, was 2° below the June average. Rain fell June 11, 13, 14, 15, 20, 21 and 25, and the rainfall, 1.42 inches, was 1 94 inches above the average rainfall for June. On the night of the 19th it commenced raining about 11 o'clock, and continued until 7 a. m., during which time 3.35 inches of water fell. This is the heaviest rainfall ever noted here for that length of time. A good deal of damage was done by the water. Thunder-storms June 11, 13, 14, 15, 20, 21 and 25.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Highest temperature, 96° on the 3d; lowest, 48° on the 9th; mean, 74°.90. The range of temperature during the month was 48°; greatest daily range, 31° on the 30th; least daily range, 10° on the 12th and 21st; mean daily range, 17°.90. There were 11 clear, 5 fair and 14 cloudy days in June. Rain fell June 11, 13, 14, 15, 20, 21, 25 and 26, the precipitation amounting to 9.30 inches. Thunder-storms June 4, 11, 12, 13, 14, 19, 20, 21 and 25. There was a severe storm from the s. w. on the 14th, amounting to almost a tornado. 2.15 inches of rain fell in a few minutes. The thunder was terrific and the lightning very brilliant. On the night of the 20th another severe storm visited this locality. The precipitation was fully 3 inches. The storm came from the s.w. and was accompanied by heavy thunder and almost continuous flashes of lightning. The prevailing wind of the month was s.e. and its maximum velocity 15 to 29 miles an hour.

MCHENRY COUNTY—JOHN W. JAMES, Observer, Marengo. The mean temperature of the month, 64°.70, was 1°.60 below the mean of the past 24 Junes. The highest temperature was 85°.70 on the 7th; the lowest, 41° 70 on the 8th; range, 44°; greatest daily range, 22°.90 on the 7th: least daily range, 7°.20 on the 3d; mean daily range, 14°.09, The fall in temperature of 44° June 7 to 8, was the greatest ever recorded by me during the summer months. Rain fell on 10 days, the precipitation amounting to 5.80 inches. This was 1.69 inches more than the average June rainfall of the past 24 years. Only June 1868 and 1869 were wetter. Thunder storms

June 2, 7, 21 and 26. The prevailing wind of the month was s. w. and its greatest velocity 15 to 29 miles per hour The wind was n. 6 times, n.e. 14, e. 8, s. 8, s.w. 24, w. 10, n.w. 13 and calm 8 times. Winds followed by rain, n.e. and s.w; by clear or fair weather, s.w. and n.w. There were 10 clear, 13 fair and 7 cloudy days in June. Slight frost reported on low lands near here on the 9th, and young corn a little touched. Lunar halos on the 20th and 22d. The large sun spot referred to in the May report was again seen June 20th, but had diminished in sige to 28,000 miles diameter.

PEORIA COUNTY—FRED BRENDEL, Observer, Peoria. Highest barometer, 29.868 on the 30th; lowest, 29.252 on the 4th; mean, 29.607; range, 0.616. Highest thermometer, 95° on the 7th; lowest, 48° on the 9th; range, 47°. The mean temperature of the month, 73°.20, is but 0°.20 below the June mean of the past 30 years. Rain fell June 1, 2, 4, 7, 12, 14, 15, 19, 21 and 28, and the precipitation, 4.07 inches, was 0.02 of an inch more than the average precipitation of the last 30 Junes. Thunder-storms June 2, 4, 7, 12, 14, 15, and 21. The mean humidity of the month was 67 per cent. The prevailing wind was south and its maximum force 30 to 39 miles per hour.

PERRY COUNTY—J. C. ELLIOTT, Observer, Swanwick. This has been the warmest and dryest June in three years, the mean temperature, 72°.44, being 0°.46 above the average of that time, and the rainfall, 5.56 inches, being 0.31 of an inch less than the June average. The highest temperature occurred on the 6th when the thermometer marked 89°, and the lowest, 52°, was on the 9th; range range, 37°; greatest daily range, 20° on the 9th; least daily range, 1° on the 17th and 25th; mean daily range, 12°.67. Rain fell June 3, 11, 13, 15, 20, 21, 25 and 26. Thunder-storms on the 3d, 13th, 15th, 20th, 21st, 25th and 26th. Hail fell on the 20th. The prevailing wind of the month was s. and its maximum force 15 to 29 miles per hour. Lunar halo on the 22d and solar halo on the 30th.

PIATT COUNTY—JOHN W. C. GRAY, Observer, Atwood. Highest temperature, 84° on the 11th; lowest, 40° on the 9th; mean, 69°.94; range, 44°. Thunder-storms occurred June 3, 4, 6, 8, 11, 12, 14, 21, 25 and 27. Frost on the 9th. There were two well defined solar halos on the 24th, one at 9 A. M. and one at 4 P. M.

PIKE COUNTY—A. MONROE, Observer, Griggsville. Highest barometer, 30.350 on the 30th; lowest. 29.750 on the 7th; mean, 30.060; range. 0.600. Highest temperature, 88° on the 26th and 27th; lowest, 50° on the 9th; range, 38°; greatest daily range, 23° on the 10th; least daily range, 4° on the 14th; mean daily range, 15°. The mean temperature of the month, 69°.70, was 1°.17 below the mean of 4 Junes past. This has been the driest June in 4 years, being 1.98 inches below the mean of that time. Rain fell on 11 days, viz: June 4, 7, 11, 12, 13, 14, 15, 19, 21, 23 and 27, but the precipitation was only 4 71 inches. There were 6 clear, 15 fair and 9 cloudy days in the month. Thunder storms on the 4, 7, 11, 12, 13, 14, 15, 19, 21 and 27. Solar halo on the 30th. The prevailing wind was s.e. and its greatest force 15 to 29 miles per hour. The wind was n. 3 times, n.e. 13, e. 7, s.e. 27, s. 5, s.w. 21, w. 1 and n.w. 13 times.

POPE COUNTY—J. E. Y. HANNA, Observer, Goleonda. Report of temperature covers last 18 days of month only.) Highest temperature, 81° on the 25th, 26th and 28th; lowest, 58° on the 30th; range, 23°; greatest daily range, 18° on the 13th; and 14th; least daily range, 5° on the 26th; mean daily range, 11°.33. The mean temperature for the time named was 73°.57, which was lower than for any June in seven years, except 1883, and was 0°.89 below the June mean for that time. Rain fell on 8 days, viz.: June 12, 13, 14. 16, 20, 21, 25 and 26, and the precipitation amounted to 8.22 inches. This was an unusually large rainfall—the largest for seven Junes, and 3.08 inches more than the average of seven Junes past. Thunder-storms June 14, 15, 21, 25 and 26. Some hail fell on the 14th. The prevailing winds of the month were n., n.e. and n.w. Maximum force, 15 to 29 miles per hour.

ROCK ISLAND COUNTY—R. R. MARTIN, Sergeant, Signal Corps, U. S. A., Davenport, Ia. Highest barometer, 30.290 on the 30th: lowest, 29,588 on the 7th; mean, 29.986; range, 0.702. Highest thermometer, 87°.20 on the 7th; lowest, 45°.70 on the 8th; range, 41° 50, greatest daily range, 25°.50 on the 7th; least daily range, 7°.60 on the 14th; mean daily range, 18°.20. The mean temperature of the month, 68°20, was 2°.09 below the mean of the last 14 Junes. The mean daily dew-point was 57°.60 and the mean humidity, 71.30 per cent. The prevailing direction of the wind was s. and its total movement 46.20 miles. The maximum velocity of the wind was 34 miles per hour. There were 6 clear, 18 fair and 6 cloudy days in June. Rain fell in appreciable quantities on 12 days. The precipitation, 2.08 inches was 2.80 inches less than the average June precipitation of the past 14 years, and was less than that of any other June during that time. A lunar halo occurred on the 26th.

SANGAMON COUNTY—JNO. CRAIG, Sergeant, Signal Corps, U. S. A., Springfield. Highest barometer, 30.219 on the 18th; lowest, 29.629 on the 7th; range, 0.590; mean barometer, 29.978. Highest temperature, 88°.30 on the 7th and 27th; lowest, 50° on the 9th; range, 38° 30; greatest daily range, 25° on the 11th; least daily range, 11°.70 on the 23d; mean daily range, 17°.80. The mean temperature of the month, 71°, as 0°.42 below the June mean of the past six years. The mean daily dew-point was 58°.90 and the mean humidity 66.60 per cent. The prevailing wind was s. and its total movement 4,408 miles. The maximum velocity of the wind was 30 miles per hour. There were 5 clear, 16 fair and 9 cloudy days during the month. Rain fell on 12 days, the precipitation amounting to 4.18 inches. This is 2.31 inches less than the average precipitation of the last 6 Junes. There were solar halos on the 9th, 24th and 30th, and lunar halos on the 18th and 20th.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest temperature, 94° on the 26th; lowest, 48° on the 9th; range, 46°; greatest daily range, 32° on the 9th; least daily range, 2° on the 20th; mean daily range, 16°.20. Rain fell June 13, 15, 20, 21 and 25, the precipitation amounting to 8.10 inches. Thunder-storms occurred on the 13, 14, 15, 19 and 25.

ST. CLAIR COUNTY—G. A. WEBER, Corporal, Signal Corps, U. S. A., St. Louis, Mo. The highest barometer, 30.239 on the 18th; lowest, 29.682 on the 4th; mean, 30.010; range, 0.557. Highest temperature, 92° on the 4th and 7th; lowest, 52°.10 on the 9th; range, 39°.90; greatest daily range, 24°.20 on

the 8th; least daily range, 9°.70 on the 16th; mean daily range, 15°.90. The mean temperature of the month, 73°.50, was 0°.93 below the mean of 15 Junes past. The mean daily dew-point was 64°.60 and the relative humidity, 74.50 per cent. The prevailing wind was s. and its total movement 6,995 miles. The maximum velocity of the wind during June was 28 miles per hour. There were 3 clear, 20 fair and 7 cloudy days during the month. Rain fell in quantities to measure on 12 days, and the precipitation, 7.68 inches, was 2.68 inches more than the average June rainfall of the past 15 years. June, 1875 alone was wetter. There was a lunar halo on the 1st and a solar halo on the 16th.

UNION COUNTY—JOHN D. NEWBEGIN, Observer, Anna. Highest temperature, 92°; lowest, 49°; range, 43°. The mean temperature of the month, 76°.53, was 1° 91 above the June average of the past 10 years. The highest barometer was 30.260 on the 18th; lowest, 29.800 on the 5th; mean, 30.070; range, 0.460. Rain fell on 8 days, viz.: June 12, 14, 15, 16, 20, 21, 25 and 26. The precipitation, 6.89 inches was 0.72 of an inch more than the average precipitation of the last 10 Junes. Between the hours of 1 p.m. on the 15th and 5 p.m. on the 16th, 3.68 inches of rain fell. Thunder-storms June 11, 13, 15, 20, 21, 25 and The prevailing wind of the month was n.e., and its maximum force 6 to 14 miles per hour.

WARREN COUNTY—J. C. HUTCHINSON, Observer, Monmouth. The record at this station dates from July 11, 1885. Thunderstorm on the 27th, at 7 p. m. from the n. w. and passing to the s.e. Heavy thunder with remarkable display of electricity. There were showers on the 13th, 15th, 19th, 20th and 27th. Prevailing winds n.w.

WASHINGTON COUNTY—A. G. TUCKER, Observer, Summit Hill. (Observations began June 21.) Highest temperature, 88° on the 28th; lowest, 48° on the 30th; mean, 71°.62; range, °40; greatest daily range, °21 on the 30th; least daily range, 10°.60 on the 22d; mean daily range, 14°.67. Highest barometer, 30.144 on the 23d; lowest, 29.830 on the 21st; mean, 30.245; range, 0.314. The mean humidity of the month was 70.31 per cent. The prevailing wind of the month was nw. and its maximum force 6 to 14 miles per hour. The rainfall of the last ten days of the month was 1.38 inches. Thunder-storms June 21, 25, 26. There were 2 clear, 3 fair and 5 cloudy days.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. The highest temperature for the month was 91° on the 7th; lowest, 48° on the 9th; range, 43°; greatest daily range, 25° on the 1st; least daily range, 2° on the 8th; mean daily range, 15°.03. Rain fell on June 12, 13, 14, 15, 19, 20, 21 and 25. The total rainfall was 4.20 inches. There were 5 clear, 12 fair and 13 cloudy days in June. Light hail fell on the 18th. The prevailing winds of the month were s. and s.w. Lunar halo on the 19th.

WILL COUNTY—H. N. RENFREW, Observer, Wilton Center. Highest barometer, 30.220 on the 29th; lowest, 29.590 on the 4th; mean, 29.940; range, 0.630. Highest thermometer, 93° on the 26th; lowest, 36° on the 9th; mean, 67°. The range of temperature was 57°; greatest daily range, 46° on the 9th; least daily range, 14° on the 21st; mean daily range, 29°80. There were 14 clear, 13 fair and 3 entirely cloudy days in June. Rain fell on June 2, 5, 8, 13, 20, 21 and 22, the precipitation amounting to 1.45 inches. Thunder-storms June 2, 4, 13, 20 and 21. Frost on the 9th. The prevailing wind of the month was s. and its maximum velocity 30 to 39 miles per hour.

WILLIAMSON COUNTY—W. S. WASHBURN, Observer, Marion. Highest temperature, 93° on the 7th; lowest, 56° on the 9th; mean, 77.°94. Range 37°; greatest daily range, 37°; greatest daily range, 20° on the 8th; least daily range, 3° on the 26th; mean daily range, 9°.63. There were 4 clear, 22 fair and 4 cloudy days during the month. Rain fell on 8 days, viz: June 11. 12, 13, 15, 20, 21, 25 and 26, the precipitation amounting to 6.62 inches. There was a heavy thunder storm on the 25th, when considerable damage was done by lightning.

SILKWORM NOTES.

By Charles Woodworth, B. S., Champaign, Ill.

OSAGE ORANGE AS A SILKWORM FOOD.

I think it is safe to say that osage orange will always be the silkworm food of Illinois, its almost inexhaustible supply makes it cost but the expense of picking the leaves or cutting off the stems. The silk produced from worms fed on mulberry is not a whit better than those fed upon osage orange either as to strength or fineness of fiber, or quantity per worm or per pound of cocoons, as has been well proven.

The only objection to the use of osage orange as a silkworm food is the expenditure of time necessary in picking the leaves, but it will be seen that this difficulty may be evaded by methods of feeding. For the first two or three ages, the buds and young leaves being picked, a little skill in evading the thorns will make the picking nearly as rapid as though picking from mulberry, and the larger size of the buds or clusters of young leaves even give osage orange the advantage.

When the larger leaves are fed to the more mature worms the mulberry would naturally have a great advantage if the leaves simply were fed, as the thorns on the osage orange prevent the stems being "stripped," but to offset this the stems being cut a suitable size (a foot or less long) may be fed with the leaves on them, a little care being taken not to impale the worms on the thorns.

For this method of feeding the osage orange has a peculiar advantage over the mulberry in that the thorns prevent close packing and thus give the worms access to more air by allowing a better circulation than any other method used for feeding silkworms.

Other plants have been improved by cultivation and selection, and why cannot this? Any one who has worked with hedge knows that great variation exists already, that there are many natural varieties. One plant may be large stemed and possess large plentiful leaves, standing beside a small plant with slender, loosely branching stems and small scattering leaves.

I have several times noticed a thornless variety with an abundance of large leaves which will compare favorable with the best mulberry.

The strong point in favor of silk culture in Illinois is the abundance of food, and it is hard to see why it should not be a success here, where we have not only a favorable climate but also any amount of the best food in the world, unused at our very doors.

Parties Interested in Silk Culture.

Aecording to the late reports reeeived at the Illinois Department of Agriculture the folparties residing in this State are interested in silk eulture, viz:

Adams eounty, Mrs. Emily J. Babbit, Clayton; Mrs. Mary C. J. McKensie, Payson.

Alexander eounty.

Bond eounty, Peter A. Veiley, Greenville; Miss Mary Donnell, Greenville; F. R. Larrabee, Greenville.

Boone eounty, Mrs. Mary Hewer, Belvidere; Olney Whitbeek, Belvidere.

Brown eounty, Lidia Putnam, Mt. Sterling; Lizzie White, Mt. Sterling; Mrs. Geo. McMurry, Mounds Station.

Bureau eounty, Mrs. Bell Bishop, Yorktown; Mrs. L. A. R. Carpenter, Neponsit; Mrs. H. E. Curtis, Sheffield; Mrs. T. S. Dexter, Providenee; Mrs. Geo. Fowler, Buda; Wm. Lane, Yorktown; Mrs. Julia M. Hill, Belvidere; Ella B. Longneeker, Buda, Mrs. Mary J. Markel, Neponset; Annie Petit, Neponsit; Mrs. D. Ritehie, Neponsit; E. E. Stephenson, Sheffield; Mrs. C. Terpanning, Neponsit; Miss Nellie Edwards, Neponsit; Mrs. Fannie M. Frizzell, Lamoille; F. P. Hawes, Lamoille; E. E. Kelsey, Belvidere; Mary J. Markee, Neponset.

Calhoun eounty.

Carroll eounty, Geo. W. Bennett, Elkhorn Grove; Ida M. Bowen, Lanard, Mrs. Mary L. Hawes, Lanard; Mrs. J. Laundt, Lanark; John R. Kitterman, Nursery.

Cass eounty, Luey Godell, Chandlerville; Mrs. U. S. Moore, Virginia; Mrs. D. N. Walker, Virginia; Mrs. L. J. Smith, Chandlerville.

Champaign eounty, Prof. T. J. Burrell, Champaign; Miss Delia Burwash, Champaign; Mrs. J. S. Johnson, Champaign; Miss M. Jones, Champaign; Mrs. W. J. Morden, Champaign, L. C. Palmer, Homer; Maggie B. Walker, Urbana; W. S. Conn, Champaign; M. C. Woodworth, Champaign; Mrs. F. Hawhey, Champaign; Nannie Eggleston, Homer; Cora J. Hill, Champaign; Ida Falls, Champaign.

Christian eounty, Mrs. R. F. Davidson, Mt. Auburn; Mrs. Mattie Donihoo, Taylorville; Charley Shannel, Willey Station; Mrs. Lenora Burdge, Grove City.

Clark eounty, Mrs. Sue Hollenback, Melrose; Addie Huber, Westfield.

Clay eounty, M. C. Cope, Flora; Miss Belle Purson, Louisville; David A. Louis, Flora.

Clinton county, Mrs. E. A. King, Carlyle.

Coles eounty, Kennedy Boyle, Mattoon; C. Gramersly, Charleston.

Cook eounty, Mary J. Powell, Chieago; Mrs. J. H. Ruggles, Western Springs; C. E. Webter, Chieago; Miss J. E. Waker, Chicago; Miss Minnie Stafford, Chieago; Annie E. Pierre, Chieago, Mrs. H. B. Green, Chicago; Miss Laura Dunbar, Arlington Heights; E. J. Farwell, Arlington Heigths; E. W. Hawks, Arlington Heights; Miss Mary B. Hawks, Arlington Heights; H. Klok, Chicago; H. E. Pitkin, Chieago; Mrs. Luey Fox, Western Springs; Edith Hawk, Arlington Heights; Miss G. Farwell, Arlington Heights; Miss H. E. Farewell, Arlington Heights; Mary Farwell, Arlington Heights; Emma Dunton, Arlington Height; Mrs. Lizzie

Holton, Englewood; C. Sheldon, Chicago; Julia B. Eckstein, Chicago; W. L. Stow, Chicago, Aaron G. Dundore, Chicago; Mrs. E. J. Galtman, Chicago; Mrs. C. M. Hoffman, Nile; Nora E. Fegan, Chicago; Mrs. Fiora M. Poppe, Chicago; Chas. N. Trivers, Chicago.

Crawford county.

Cumberland county, Hulda Pearson, Neoga; M. J. Pearson, Neoga.

DeKalb county, Mrs. H. Burchfield, Kingston; Mrs. A. B. Henry, Somonauk; Mrs. H. Hogeboom, New Lebanon; J. S. Nitterane, Sycamore; Mrs. M. A. Tasker, Sycamore; Miss Fannie Wait, Kingston; Mrs. Ella A. West, Sycamore; Mrs. Mary Fraser, Sadwick; J. G. Lucas, Kingston; T. A. Hickman, Kingston; Mrs. Amelia Bliss, Somonauk; Mrs. H. Hogeboon, New Lebanon.

DeWitt county, Mrs. M. C. Armstrong, Waynesville; Mrs. Frank Montgomery, Kenney; Mrs. O. E. Newman, Clinton.

Douglas county, Mrs. E. A. Beane, Tuscola; Mrs. F. W. Curtis, Areola; Miss I. Garrett, Atwood; H. A. Hughston, Hayes; Mrs. M. M. Ralph, Tuscola; J. V. Smith, Hayes; Martha Rynerson, Tuscola; Mrs. J. M. Hughes, Arcola; Mrs. C. A. Carawa,, Carmargo; May Records, Newman.

DuPage county, Mrs. G. W. Sindlinger, Naperville.

Edgar county, Mrs. T. J. Coffman, Hume; Miss Annie Compton, Cherry Point.

Edwards county, Mrs. J. H. B. Henderson, Albion; Miss G. Schofield, Browns.

Effingham county, J. P. Blaney, Altamont; Mrs. M. E. Flack, Effingham; Mrs. J. D. Thomas, Altamont; Mrs. E. A. Gilbert, Effingham; Mrs. H. J. Blakely, Effingham.

Fayette county, Anna M. McClure, Farina; Mrs. Christine Taylor, St. Paul; Mrs. Mary Minns, Shabonier.

Ford county, Mrs. H. W. Fraser, Gibson City; Mrs. S. M. Hill. Paxton; Mrs. R. Hardee, Paxton; W. C. Moetier; Gibson City; W. F. Moetier, Gibson City; Mrs. F. H. Pardue, Paxton; Mrs. E. Weigert, Piper City; Mrs. Carry N. Proctor, Gibson City; Mrs. Sarah Robertson, Piper City; L. E. Statham, Gibson City; Miss I. Stoner, Henderson; Mrs. F. Sullivant, Sibley.

Franklin county, Ralph Rose, Benton.

Fulton county, Peter Conover, Farmington; Miss Sarah Dewey, Canton; Sarah E. McCashin, Ipava; Clara Keeling, Farmington; Mrs. E. Thompson, Ellisville; Mrs. Sarah W. Baughman, Canton.

Gallatin county.

Green county, Robert McPherson, Carrollton; C. H. Wright, Fayette; Mrs. J. B. Weisner, Greenfield; Josie Reynolds, White Hall.

Grundy county, Albert N. Douglas, Morris; Mrs. G. E. Gowey, Gardner.

Hamilton County,

Hancock county, Mrs. M. E. McClaugey, Hamilton; Mrs. J. C. Robinson, Bowensburg; Mrs. J. J. Shipton, Ferris; Mrs. M. K. Simmons, Fountain Green; Mrs. C. Treuthart, Appanoosa; Ella Forbes, Disco; Miss Nellie Brunton, Elderville; Mrs. S. McSnoad, Carthage; Mary A. Madison, Plymouth; Mrs' M. J. Gardner, Sonora; Mrs. Emma J. Hare, Augusta.

Hardin connty.

Henderson county, Miss Alda McKinson, Biggsville.

Henry county, Mrs. S. Blair Geneseo; Mrs. C. H. Coll, Cambridge; Mrs. J. E. Dixon, Cambridge; Mrs. E. H. Fay, Woodhull; Mrs. H. L. Ferguson, Annewan, Kate Irwine, Atkinson; O. Johnson, Galva; Miss K. K. McKelley, Lynn Center; Ella Philbrook, Geneseo; Bell Hale, Kewanee; Mrs. Sterling Bennett, Colona; Mrs. C. A. Coll, Cambridge; Mrs. E. Blair, Geneseo; Lydia V. Hart, Kewanee, Mrs. H. B. Burkhart, Kewanee; Miss Luey E. Fellows, Kewanee; Mrs. J. W. Wonderly, Atkinson; Mrs. W. P. Baker, Annawan.

Iroquois County, Mrs. L. Cavender, Watseka; Mrs. R. Crowner, Buckley; Mrs. J. H. Eastburn, Sheldon; J. W. Sargent, Sheldon; L. D. Sargent, Seldon; Mrs. C J. Massey, Crescent City; Mrs. J. K. Tyler, Sheldon; Mrs. J. B. Lowe, Onarga; Mrs. B. Hallam, Loda; Clara Cagwin, Martinton; Z. R. Smith, Clifton; M. E. Bakes, Clatonville.

Jackson county, Mrs. M. Delaney, Carbondale; Mrs. J. M: Takes, Carbondale, Mrs. M. Malone, Carbondale.

Jasper county, Mrs. Belle Jessup, West Liberty; Oswald Jessup, West Liberty, Miss Mary Taylor, West Liberty.

Jefferson county.

Jersey county, Mrs. D. D. Gleason, Rosedale; Kate Perdon, Jerseyville; Eva M. Randolph, Otterville.

Jo Daviess county, Mrs. M. Backus, Pitchervill; Mrs. K. Branton, Council Hill.

Johnson county.

Kane county, Mrs. Angie C. Beebe, Elgin; E. N. Dangerfield, Elgin; Mrs. S. Ruggles, Batavia; Mrs. George Shannon, Hampshire; Mrs. David Long, St. Charles; Jessie A. Longham, Elgin; Miss E. Dorr, Grouse.

Kankakee county, Martin H. Kamega, Kankakee; S. P. McLean, Kankakee; Mrs. C. Grouso, Essex.

Kendall county, M. J. Andrews, Oswego; Mrs. George Armstrong, Plano; Mrs. F. A. Avery, Lisbon; Mrs. William Hollenback, Millbrook; Miss E. Willard, Lisbon, Mrs. H. T. Williams, Lisbon; Mrs. C. M. Seoggon, Millington.

Knox county, Charles R. Boostrum, Oneida; Mrs. S. C. Briggs, Knoxville; Mrs. C. E. Chandler, Knoxville; Agnes L. Harrison, Abington; Sarah E. Bartholomew, Galesburg; Miss L. Dempsey, Knoxville; D. C. McCheney, Galesburg; Mrs. A. J. Maxfield, Knoxville.

Lake county, Miss Della Bidwell, Gurnee; Miss L. Higley, Gurnee; H. C. Gridley, Long Grove.

LaSalle county, Mrs. S. Bridge, Tonica; David B. Hiester, Farm Ridge; C. Raymond, Ottawa; Miss E. Rhoads, Utica; Mrs. L. C. Robinson, Ottawa; Julia A. Gerry, Prairie Center; Mrs. R. A. Fisk, Leland; A. J; Swap, Meriden; Mary C. Tonsley, Marseilles.

Lawrence county.

Lee county, H. F. Matthews, Dixon; Mrs. E. C. Smith, Dixon.

Livingston county, J. N. Gray, Dwight; L. B. Seymour, Wilson; Mrs. B. A. Harding, Blackstone; O. H. Stafford; Chatsworth; Arthur J. Huffman, Chatsworth, Samuel Daucey, Fairburg; Hattie Holtzman, Pontiac; Mrs. J. A. Marsh, Pontiac; Lizzie Brane, Pontiea; Lizzie B. Filbery, Long Point; Mrs. C. Brane, Graymont.

Logan county, Miss Emma Harrington, Latham; James Barrett, Lineoln.

Macon county, Charles Young, Blue Mound; C. M. Parker, Blue Mound; Miss Nettie Baleh, Decatur; Frank M. Abram; Blue Mound; Willis F. Bailey, Boody; S. J. Dennis, Blue Mound: J. B. Kerr, Blue Mound; J. K. Lundy, Blue Mound; H. A. Miller, Boody; Mrs. M. E. O'Neal, Maroa; Mrs. Rachel Overmier, Niantic; Samuel Pettie, Argenta; Samuel Pistorius, Boody; D. Spooner, Blue Mound; E. E. Weygand, Blue Mound; J. F. Weygand, Blue Mound; Dode Sprague, Blue Mound.

Macoupin county, Miss Nettie Cryder, Virden; Miss Aliee L. Gulick, Plainview ; Miss Laura Meriwether; Shipman; Loduska Miller, Nilwood; Fannie Carson, Woodburn; Belle J. Lowes, Pisa.

Madison county, Mrs. Louisa Walker, Highland; Mrs. J. M. Coehrane, Alhambra.

Marion county, James Holly, Patoka; M. A. Earl, Centralia.

Marshall county, Mrs. Robert Challoner, Lacon; Mrs. E. N. Ellsworth, Lacon; William R. Fairbanks, Lacon; M. M. Merritt, Wenona; Mrs. S. E. Everly, Wenona.

Mason county, Mrs. Lottie E. Athey, Poplar City: Mrs. A. Craig, Havana; Elmer Keim, Manito; L. A. Lindsley, Bath; H. B. Lindsley; Bath; Miss Ella Merkel, Manito; Miss Anna Merkel, Manito; Mrs. R. M. Craggs; Kilbourne; E. D. Ely, Mason City; Mrs E. A. Temline, Teheran: Mrs. M. A. Craig, Havana; Mrs. R. M. Coat, Havana.

Massac county.

McDonough county, Mrs. J. N. Devore, Bushnell; Mrs. Nelson Goodman, Macomb; Mrs. Mary Monfort, Macomb; Mrs. E. A. Barley, Bardolph; Mrs. C. V. D. Mull Blandinville; Mrs. Sylvester Dawey, Prairie City.

McHenry county, Mrs. S. O. Dart, Hebron; Mrs. A. E. Rowland, Marengo; Bessie Stewart, Algonquin; Julia W. Sherman, Richmond; Mrs. L. R. Parkhurst, Marengo; Amelia V. Buck, Crystal Lake, F. J. Crissey, Marengo.

McLean county, Mrs. Hickox, Oak Grove; Mrs. A. Nickerson, Bloomington; Mrs. M. J. Overman, Normal; D. H. Schweder, Bloomington; O. Snyder, Osman; Mrs. Dell Martin,

Bloomington; Mrs. Amanda Taylor, Normal; Mrs. S. Davis, Chenoa; Josiah Moore, Oak Grove; Mrs. E. Lahman, Bloomington; Mrs. Mary Hall, Bloomington.

Menard county.

Mercer county, Miss Lolie Messenger, Viola; Alice N. Duncan, Duck Creek; Minnie Smith, New Windsor; L M. Lathrop, New Windsor; Hulda Blackbach, Sunbeam.

Monroe county.

Montgomery county, Mrs. H. E. Williams, Red Oak; Mrs. A. Hastings, Nokomis.

Morgan county, Sarah Allen, Jacksonville; Miss Sue Ellis, Jacksonville; Thomas E. Fox, Chapin; J. J. Milligan, Jacksonville; Mrs. M. J. Milligan, Jacksonville; Mrs. A. H. Sterteraut, Jacksonville.

Moultrie county, Mrs. Sue Banks Lovington; Mrs. E. E. Cone, Lovington; Miss Jessie Edmunston, Arthur; Mrs. S. E. Edwards, Coles Station; Mrs. E. Hunt, Sullivan; Mrs. Lee Hardy, Lovington; E. C. Keller, Lovington; Mrs. A. M. Piper, Sullivan; Mary F. Porter, Lovington.

Ogle county, Mrs. R. H. Martin, Foreston; Charles W. Mayo, Foreston; George R. Ringer, Baileyville; Miss J. Rolph, Taylor; Mrs. W. A. Fisher, Flag; Miss Rosie Settler, Oregon; Mrs. Oscar Stettler, Oregon.

Peoria county, Mrs. D. Allen, Peoria; Mrs. E. M. Ames, Peoria; Mrs. D. L. Bingham, Peoria; W. C. Board, Trivoli; Mrs. N. Hove, Peoria; Mrs. B. Hartz, Peoria; Jubilee Industrial Company, Jubilee; Mrs. L. A. Kinsey, Peoria; Mrs. L. B. Martin, Peoria; Mrs. George W. Mosher, Peoria; E. Pierce, Peoria; Mrs. L. Purcell, Elmwood; Mrs. A. G. Ralph, Peoria; Mrs. E. Thaling, Peoria; Mrs. H. F. Thompson, Trivoli; Mrs Ed. Thurlow, Peoria; Mrs. J H. VanBuskirk, Peoria; Mrs. M. L. White, Peoria; J. Detrich, Peoria; Mrs. M. Espy, Peoria; Mrs. E. A. Moore; Chillicothe; Mary C. Arnold, Brimfield; Mrs. S. Ames, Peoria.

Perry county, Ben Hogson, DuQuoin; Mrs. J. G. Hancock, Pinckneyville; Lulu Tefts, Swanwick; Miss Sadie Preston, Cutler.

Piatt county, Vadie Baggott, Atwood; Mrs. H. Edie, Voorhies; Mrs. F. M. Kirby, Atwood; Mrs. R. M. Rose, Atwood; F. L. Campbell, Hammond.

Pike county, Clara Bunker, ElDare; Mrs. M. L. Houston, Griggsville; S. E. Johnson, Perry; S. L. Vertrees, Pittsfield; L J. Eastman, Griggsville; Bell Moore, Perry; J. Evans, Barry; Thomas Shepherd, Barry; Maggie Newcomb, Galesburg.

Pope county, Mrs. G. Rose, Golconda; Lydia Palmer, Glendale.

Pulaski county.

Putnam county, Addie Dahl, Granville.

Randolph county, Miss. Jennie Gordon, Pereey; Mrs. Mary A. Matthews, Felden.

Richland county, Miss. Ida K. Groff, Bowyer; Mrs. F. A. Smith, Olney; Mrs. Mary F. Palmer, Noble.

Rock Island county, E. Amberger, Carbon Cliff; Miss. Dally Appelby, Rock Island; Mrs. A. M. Busey, Reynold; Mrs. C. Palmer, Hillsdale; Mrs. H E. Cornstack, Cordova; Mrs. Mary Welch, Cordova; Miss. Fanny E. Johnson, Port Byron; T. J. Davis, Carbon Cliff; H. G. Johnson, Moline.

Saline county.

Sangamon county, E. E. Agee, Riverton; Mrs. O. Glascock, Buffalo; W. T. Mathes, Buffalo; Charles Mayol, Springfield; T. J. Loar, Auburn; Mrs. J. D. Hahn, Springfield; Mrs. Carrie E. Maloness, Riverton.

Schuyler county.

Scott county, Minnie Pile, Deland.

Shelby county.

Stark county, Mrs. S. A. Davis, Stark; Miss. Ella M. West, West Jersey; Helen M. Wright, Toulon.

St. Clair county, James M. Cooper, Marissa; Mrs. Mary Heil, Marissa; Mrs. Ella Stuart, Marissa; Mrs. M. Stuart, Marissa; J. Cooper, Marissa; Mrs. E. W. Carter, Belleville

Stephenson county,

Tazewell county, W. V. Barley, Delavan; Mrs. M. McKinstry, Delavan; Mrs. A. H. Taylor, Delavan; Alice Perkins, Allentown; M. Oliver, Morton.

Union county, Mrs. C. Musgrove, Anna.

Vermilion county, Miss. E. Braselton, Georgetown; Mrs. F. M. Faurot, Hope; Mary LePratt, Hoopeston; Michael F. Helmick, Pilot; Mrs. J. E. Stonlonberg, Rankin; Mrs. Chester Forbes, Danville.

Wabash county, Jacob E, Bruce, Bellmont; Mrs. N. M. Burns, Mt. Carmel.

Warren county, Mrs. Emma Hogue, Kirkwood; Miss. Minnie Stewart, Nelson; Miss. Ellen J. Barnett, Kirkwood; Mrs. Celie Andrews, Monmouth; Ettie Soule, Youngstown; Mrs. M. M. Seymour, Roseville; Mrs. F. E. Palmer, Little York; Mrs. L. L. Robertson, Monmouth.

Washington county, Wm. F. Donnelly, Oakdale; Mrs. S. F. Donnelly, Oakdale; Mrs. A. H. Hibbard, Elkhorn; A. Hibbard, Elkhorn; H. C. Hibbard, Elkhorn; J. P. Hibbard, Elkhorn; Miss R. Hibbard, Elkhorn; O. P. Hibbard, Elkhorn; Mrs. A. H. Hartman, Nashville; Mrs. E. J. McAuley, Oakdale; Miss S. A. McAuley, Oakdale; Miss Mary Belle McCloy, Oakdale; Miss L. M. McCloy, Oakdale; Rev. D. Oglesby, Richview; Wm. Young, Elkhorn; Louisa Clark, Irvington; Miss A. Hutton, Nashville.

Wayne county, Mrs. L. A. Cox, Boyleston; Mary V. Whitmore, Boyleston.

White county, Mrs. S. H. Endicott, Crossville.

Whiteside county, Mrs. H. Barnett, Prophetstown; Mrs. S. G. Baum, Sterling; Miss E. V. Ervin, Leon; Fred Howland, Leon; Irvine Jackson, Prophetstown; Miss Mary E. Reynolds, Prophetstown; Mrs. C. Thompson, Prophetson; Mrs. C. E. Currie, Como; Mrs. J. H. Simonson, Round Grove; James H. Woodburn, Sterling; Mrs. L. A. Dodson, Rock Falls; Mrs. E. W. Tuttle, Eric; Mrs. J. F. Dickinson, Eric; Mrs. O. Olson, Tampico; S. J. Mikell, Sterling; Mary Trone, Sterling.

Will county, Miss C. J. Carpenter, Monee; Mrs. L. P. Cole, Spencer; Mrs. J. J. Hunt, Joliet; Mrs. J. D. Hahn, Plainfield; Mrs. Ella Johnson, Peotone; Sarah Stonbridge, Joliet; Mrs. W. Warner, Lockport; Mrs. S. J. Trowbridge, Joliet; Mrs. B. M. Axtell, Wilmington; Mrs. John McLaughlin, Joliet.

Williamson county, Mrs. Mary Pulle, College Home.

Winnebago county, Anna S. Griswold, Rockford; Mrs. Mark Remington, Rockford; Jennie Cunningham, Rockford.

Woodford county, Mrs. M. J. Coleman, ElPaso; Mrs. Edwin A. Childs, ElPaso; Mrs. E. M. DeBruler, Roanoke.

NORTHERN DIVISION. Counties.	Acreage 1885, compared 1884	Av. condition June 1, 1885.	Av. condition July 1, 1885..	Av. condition July 1, 1884..	Av. condition July 1, 1883	Av. condition July 1, 1882..
Boone	99	81	80	96	73	76
Bureau	90	92	88	101	90	50
Carroll	100	92	95	104	88	62
Cook	99	89	89	95	65	70
DeKalb	99	95	97	106	85	75
DuPage	100	....	96	98	75	75
Grundy	99	87	88	107	64	25
Henderson	90	60	75	104	82	50
Henry	97	86	81	92	80	58
Iroquois	100	84	100	105	60	60
JoDaviess	101	90	92	96	84	80
Kane	92	87	93	93	68	70
Kankakee	102	90	91	99	73	45
Kendall	100	80	87	95	64	72
Knox	101	86	92	108	86	60
Lake	100	85	75	93	73	76
LaSalle	99	67	85	93	72	54
Lee	100	95	93	104	80	71
Livingston	105	76	79	97	71	54
Marshall	102	65	85	109	86	56
McHenry	99	95	95	101	91	94
Mercer	102	70	86	100	90	58
Ogle	102	95	92	99	74	72
Peoria	100	65	71	99	80	57
Putnam	100	90	79	105	92	80
Rock Island	101	79	82	98	86	61
Stark	100	80	90	103	84	67
Stephenson	105	91	92	97	96	68
Warren	101	82	87	100	100	91
Whiteside	135	82	100	90	75	60
Will	114	112	91	90	75	78
Winnebago	97	92	88	113	91	75
Woodford	97	82	88	112	80	60
Average	101	84	88	100	80	64

CENTRAL DIVISION. Counties.	Acreage 1885, compared 1884	Av. condition June 1, 1885	Av. condition July 1, 1885..	Av. condition July 1, 1884..	Av. condition July 1, 1883..	Av. condition July 1, 1882..
Adams	114	81	80	96	73	66
Brown	109	75	80	95	67	55
Calhoun	119	84	90	75	67	75
Cass	107	85	105	97	75	60
Champaign	110	100	100	100	80	65
Christian	122	90	82	117	94	38
Clark	117	85	92	86	100	60
Coles	111	84	86	86	92	64
Cumberland	103	88	95	90	92	82
DeWitt	105	73	86	100	97	60
Douglas	107	90	88	78	80	50
Edgar	127	87	103	96	98	75
Ford	102	75	81	99	66	60
Fulton	105	79	92	93	80	56
Greene	117	79	105	97	75	76
Hancock	113	90	95	110	70	39
Jersey	125	85	80	75	92	72
Logan	107	92	95	104	81	66
Macon	107	87	91	99	93	55
Macoupin	124	97	90	84	69	55
Mason	110	90	87	100	69	54
McDonough	102	80	75	100	75	37
McLean	101	66	84	91	85	58
Menard	108	87	97	94	70	55
Montgomery	124	95	86	84	92	84
Morgan	116	99	103	92	81	48
Moultrie	102	86	80	91	86	42
Piatt	105	95	88	98	96	75
Pike	129	87	86	94	76	74
Sangamon	118	87	100	93	84	60
Schuyler	117	70	85	93	88	33
Scott	120	92	86	95	84	65
Shelby	117	83	89	97	87	57
Tazewell	110	80	85	107	75	59
Vermilion	108	97	100	110	106	66
Average	112	86	90	95	82	60

SOUTHERN DIVISION. Counties.	Acreage 1885, compared 1884	Av. condition June 1, 1885..	Av. condition July 1, 1885..	Av. condition July 1 1884..	Av. condition July 1, 1883..	Av. condition July 1, 1882..
Alexander	120	115	90	85	95	100
Bond	122	86	90	90	92	93
Clay	112	93	100	90	87	100
Clinton	100	71	90	7[illegible]	71	90
Crawford	113	96	104	79	101	75
Edwards	110	100	100	100	100	75
Effingham	107	94	94	91	58	80
Fayette	120	100	95	81	81	96
Franklin	104	95	111	100	66	87
Gallatin	105	90	110	83	90	76
Hamilton	112	80	112	96	82	83
Hardin	100	4[illegible]	97	62	100	98
Jackson	95	75	80	95	62	95
Jasper	100	87	87	70	102	75
Jefferson	115	110	100	80	90	85
Johnson	120	91	113	79	86	90
Lawrence	107	102	105	96	98	75
Madison	160	90	94	88	84	72
Marion	117	100	87	92	70	86
Massac	110	100	100	81	96	75
Monroe	134	86	100	90	90	95
Perry	105	89	101	92	80	104
Pope	109	100	110	75	96	92
Pulaski	113	101	112	75	82	107
Randolph	112	97	103	85	100	82
Richland	111	95	102	86	90	95
Saline	102	85	110	90	80	50
St. Clair	165	85	95	77	75	92
Union	120	100	100	92	95	100
Wabash	107	97	96	88	93	86
Washington	118	100	103	102	93	....
Wayne	103	80	92	79	82	76
White	106	86	97	75	96	85
Williamson	110	100	103	80	86	83
Average	113	91	99	85	86	81

CONDITION OF WINTER WHEAT IN ILLINOIS JULY 1, 1885.

COUNTIES.	Average condition April 1, 1885	Average condition May 1, 1885	Average condition June 1, 1885	Average condition or yield July 1, 1885	Average condition or yield July 1, 1884	Average condition or yield July 1, 1883	Average condition or yield July 1, 1882.
NORTHERN DIVISION.							
Boone	100	100	5	60	95	83	95
Bureau	75	75	75	62	86	75	110
Carroll	25	47	25	20	90	75	100
Cook	...	90	90	90	75	90	92
DeKalb	75	97	97	87	102	90	110
DuPage	....	80	95	95	....	....	....
Grundy	....	..	....	....	100	....	....
Henderson	75	70	35	53	91	100	115
Henry	75	90	30	...	...	90	90
Iroquois	35	95	66	62	75	50	102
JoDaviess	50	49	52	56	103	81	103
Kane	75	100	90	87	90	95	103
Kankakee	82	78	35	67	85	82	105
Kendall	100	95	100	100	100	100	95
Knox	75	80	75	65	100	86	100
Lake	75	62	45	78	97	92	125
LaSalle	87	77	70	81	88	86	102
Lee	85	75	95	70	99	70	99
Livingston	80	85	85	67	99	77	103
Marshall	75	...	20	20	112	110	120
McHenry	82	92	80	88	107	95	111
Mercer	80	70	60	75	100	100	100
Ogle	65	75	45	68	104	73	105
Peoria	57	75	63	56	95	83	97
Putnam	90	82	75	52	87	93	105
Rock Island	....	60	50	70	92	65	106
Stark	87	75	100	87	93	98	103
Stephenson	63	72	54	53	98	86	106
Warren	88	82	82	72	93	97	104
Whiteside	80	80	75	...	50	.	100
Will	85	...	92	92	95	102	110
Winnebago	55	52	61	67	83	82	125
Woodford	33	72	57	57	102	92	93
Average	73	77	66	68	94	87	104
CENTRAL DIVISION.							
Adams	57	43	31	8	63	88	79
Brown	69	67	46	40	80	68	105
Calhoun	59	83	51	45	85	70	107
Cass	44	65	77	75	100	79	111
Champaign	35	*25	40	40	79	37	108
Christian	37	33	10	9	81	80	100
Clark	36	37	35	20	39	32	112
Coles	34	58	17	17	72	40	107
Cumberland	26	35	32	30	75	56	122
DeWitt	77	82	52	72	96	59	80
Douglas	30	54	30	48	63	50	106
Edgar	42	85	77	17	69	62	107
Ford	80	...	60	50	....	65	107
Fulton	54	66	67	64	97	90	104
Greene	42	30	34	50	60	58	102
Hancock	82	65	47	40	102	85	102
Jersey	30	25	17	7	87	45	115
Logan	46	65	87	75	94	56	99
Macon	22	87	5	20	59	40	105
Macoupin	38	34	15	18	65	61	62

CONDITION OF WINTER WHEAT JULY 1, 1885—Continued.

COUNTIES.	Average condition April 1, 1885	Average condition May 1, 1885	Average condition June 1, 1885	Average condition or yield July 1, 1885	Average condition or yield July 1, 1884	Average condition or yield July 1, 1883	Average condition or yield July 1, 1882
CENTRAL DIVISION—*Continued.*							
Mason	49	57	42	38	92	82	86
McDonough	68	58	42	45	105	80	100
McLean	31	72	37	42	90	70	101
Menard	51	53	52	70	91	62	105
Montgomery	33	47	10	9	47	30	100
Morgan	39	80	73	56	84	69	100
Moultrie	51	48	36	24	81	68	97
Piatt	75	62	75	55	83	67	105
Pike	24	29	8	11	46	61	126
Sangamon	34	44	17	45	80	76	89
Schuyler	60	75	55	55	80	95	104
Scott	15	40	32	20	79	59	100
Shelby	39	10	5	4	73	61	107
Tazewell	58	64	62	50	90	87	100
Vermilion	40	15	55	50	65	34	117
Average	46	53	41	38	78	63	102
SOUTHERN DIVISION.							
Alexander	60	60	52	60	98	93	112
Bond	46	39	41	10	44	26	93
Clay	45	62	33	17	22	23	100
Clinton	70	76	30	22	75	22	117
Crawford	71	47	22	46	42	27	102
Edwards	72	75	40	45	80	55	100
Effingham	35	75	19	30	56	43	108
Fayette	48	24	40	12	44	27	103
Franklin	54	41	59	40	81	63	137
Gallatin	51	70	60	70	90	72	100
Hamilton	47	43	30	27	64	35	118
Hardin	57	67	40	40	80	75	121
Jackson	62	40	75	75	100	50	116
Jasper	50	40	10	22	60	32	112
Jefferson	67	46	25	30	39	25	113
Johnson	56	39	43	50	77	53	125
Lawrence	50	48	32	35	63	60	110
Madison	33	52	28	27	52	32	103
Marion	70	65	75	53	87	62	112
Massac	60	55	38	100	79	51	115
Monroe	35	82	66	22	100	58	113
Perry	59	59	42	34	63	49	126
Pope	57	*50	*42	65	80	53	109
Pulaski	70	75	71	72	100	63	107
Randolph	74	72	55	53	76	43	115
Richland	78	62	32	29	42	25	105
Saline	63	55	45	60	75	65	125
St. Clair	29	56	12	12	72	33	133
Union	77	59	60	65	100	78	103
Wabash	85	59	49	45	70	51	104
Washington	72	42	30	33	75	42	115
Wayne	61	38	29	29	41	17	112
White	63	54	34	38	63	46	110
Williamson	47	52	32	42	79	88	115
Average	58	55	42	42	70	48	112

*Estimated.

CONDITION SPRING WHEAT, JULY 1, 1885.

NORTHERN DIVISION.

Counties.	Average 1885, compared with 1884	Average condition May 1, 1885	Average condition June 1, 1885	Av. condition July 1, 1885	Av. condition July 1, 1884	Av. condition July 1, 1883	Av. condition July 1, 1882
Boone	90	85	91	90	100	....	86
Bureau	112	90	80	90	88	..	50
Carroll	112	....	97	98	100	100	...
Cook	92	105	100	90	88	97	98
DeKalb	105	99	98	92	98	100	95
DuPage	110	100	85	95	90	....	...
Grundy	.....	.....	.....	...	....	90	...
Henderson	90	100	.....	100	95	100	100
Henry	110	97	103	100	100	90	....
Iroquois	.....	....	.....	....	...	85	100
JoDaviess	88	87	100	95	100	100	100
Kane	90	90	100	97	82	90	100
Kankakee	.....	.....	100	75		80	105
Kendall	100	80	95	70	100	73	100
Knox	110	100	100	100	110	97	..
Lake	93	93	88	83	95	90	105
LaSalle	95	92	70	95	85	70	50
Lee	105	100	98	95	100	92	94
Livingston	.....	....	.....	....	90	100	....
Marshall	100	100	110	....	110	98	100
McHenry	84	100	93	92	102	102	99
Mercer	100	.....	75	80	..	....	....
Ogle	87	90	94	95	100	100	100
Peoria	90	93	80	92	....	....	100
Putnam	107	100	92	85	102	100	103
Rock Island	105	95	98	97	93	....	95
Stark	100	100	90	94	98	98	97
Stephenson	94	107	90	96	104	97	100
Warren	88	97	92	90	96	87	60
Whiteside	102	90	100	95	110	100	100
Will	105	100	101	100	94	87	92
Winnebago	107	85	88	100	100	98	95
Woodford	100	100	100	65	105	100	97
Average	99	95	93	91	98	93	93

CENTRAL DIVISION,

Counties.	Average 1885, compared with 1884	Average condition May 1, 1885	Average condition June 1, 1885	Av. condition July 1, 1885	Av. condition July 1, 1884	Av. condition July 1, 1883	Av. condition July 1, 1882
Adams	....	.....	.....	....	..	....	....
Brown	110	100	75	...	....	..	...
Calhoun	.....	....	.....	..	....	....	....
Cass	.....	.....	.....	....	....	...	...
Champaign	.....	.....	.....	...			....
Christian	.....	.....	75	100	..	...	...
Clark	.....	....	.....	...	...	...	....
Coles	.....	.....	.....	....	....	....	....
Cumberland	.....	.....	.....	...	...	....	...
DeWitt	100	100	100	87	110	103	50
Douglas	.....	....	....	....	...	....	....
Edgar	. ....	.....	90	....	....	....	....
Ford	.....	.....	.....	...	....	....	.
Fulton	.....	....	100	80	100	100	90
Greene	115	100	110	100	....	....	...
Hancock	.....	.....	.....	...	.	100	100
Jersey	.....	.....	.....	..	..	..	..
Logan	150	100	.....	90	..	....	...
Macon	.....	.....	.....	95	30	....	..
Macoupin	.....	.....	.....	....	....	....	50
Mason	.....	.....	75	100	90	....	...
McDonough	62	87	100	87	75	....	80
McLean	.....	.....	.....	...	90	. ..	83
Menard	.....	....	.....	....	....	..	90
Montgomery	.....	...	.....	....	...	....	....
Morgan	150	100	90	75	....	....	....
Moultrie	.....	.....	.....	....	....	....	....
Piatt	.....	.....	.....	100	...	100	....
Pike	..	.....	.....	....	....		..
Sangamon	110	100	.....	100	....	100	....
Schuyler	.....	.....	.....	90	...	...	85
Scott	.....	....	.....	...	....	...	...
Shelby	.....	.....	100	...	...	....	....
Tazewell	.....	.....	.....	88	....	82	90
Vermilion	.....	.....	.....	....	....	....	....
Average	114	98	91	91	82	97	79

SOUTHERN DIVISION.

Counties.	Average 1885, compared with 1884	Average condition May 1, 1885	Average condition June 1, 1885	Av. condition July 1, 1885	Av. condition July 1, 1884	Av. condition July 1, 1883	Av. condition July 1, 1882
Alexander	.....	... ..	.....	....	....	....	....
Bond	.....	.....	.....	....	100	....	....
Clay	.....	.....	.....	....	. ..	...	....
Clinton	.....	.....	.....	....	....	...	....
Crawford	.....	.....	.....	...	....		..
Edwards	.....	.....	..	...	....	....	....
Effingham	.....	.....	...	...	....	....	....
Fayette	.....	.....	... ..	....	..	....	....
Franklin	.....	.....	... ..	....	..	....	....
Gallatin	.....	.....	.....	....	....	..	....
Hamilton	.....	.....	... ..	....	....	..	....
Hardin	.....	....	.....	.	..	...	....
Jackson	.....	....	.....	...	...		....
Jasper	.....	.....	.....	....	....	...	...
Jefferson	.....	.....	.....	....	....	....	.
Johnson	.....	.....	.....	..	....	....	...
Lawrence	.....	.....	.....	..	..	...	....
Madison	..	..	.....	....	....	....	....
Marion	100	100	90	....	....	....	....
Massac	.....	.....	.....	....	...	..	....
Monroe	.....	.....	.....	....	....	....	....
Perry	.....	.....	.....	. ..	....	....	....
Pope	.....	.....	.....	....	...	..	....
Pulaski	.....	....	.....	....	....	....	....
Randolph	.....	.....	.....	....	....	....	....
Richland	....	.....	.....	....	....	....	....
Saline	.....	.....	.....	....	...	...	....
St. Clair	.....	.....	.....	....	....	....	....
Union	.....	.....	.....	....	....	....	....
Wabash	.....	.....	.....	....	....	....	....
Washington	.....	.....	.....	....	....	....	....
Wayne	.....	.....	.	....	....	....	....
White	.....	.....	.....	....	....	....	....
Williamson	.....	.....	.....	....	....	....	....
Average	100	100	90	....	100	....	....

CONDITION OATS, JULY 1, 1885.

NORTHERN DIVISION.

Counties.	Average 1885, comp'd with 1884.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Boone	83	65	87	93	105	105	93
Bureau	115	82	90	97	100	106	105
Carroll	102	....	95	95	100	108	90
Cook	102	103	85	99	83	105	100
DeKalb	99	98	99	95	101	105	102
DuPage	107	87	85	90	72	100	100
Grundy	96	83	82	68	105	84	110
Henderson	94	95	85	94	103	100	90
Henry	111	86	99	99	107	108	106
Iroquois	90	81	87	96	104	102	96
JoDaviess	97	95	97	96	104	98	92
Kane	107	96	92	99	83	100	102
Kankakee	100	87	95	85	95	103	95
Kendall	99	92	97	82	98	96	98
Knox	102	95	96	100	104	97	90
Lake	100	100	90	88	85	99	100
LaSalle	94	91	86	79	90	88	95
Lee	99	93	98	94	101	104	99
Livingston	99	88	75	70	92	85	105
Marshall	105	100	97	100	112	103	105
McHenry	99	100	94	97	103	105	107
Mercer	102	74	97	95	105	105	90
Ogle	92	83	94	102	98	105	100
Peoria	99	81	82	92	102	96	95
Putnam	98	100	92	92	105	102	106
Rock Island	103	94	96	92	100	107	89
Stark	102	95	90	100	106	100	100
Stephenson	102	91	97	96	102	103	103
Warren	110	99	103	97	103	100	91
Whiteside	75	75	97	95	105	110	100
Will	92	87	79	78	87	106	86
Winnebago	97	90	91	100	97	110	105
Woodford	102	98	92	93	113	96	94
Average	99	90	91	92	99	101	98

CENTRAL DIVISION.

Counties.	Average 1885, comp'd with 1884.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Adams	115	99	92	100	96	95	86
Brown	105	87	97	100	92	100	80
Calhoun	119	100	96	95	100	100	110
Cass	102	92	104	105	106	102	100
Champaign	*106	*97	100	90	104	102	96
Christian	106	89	90	84	92	104	112
Clark	114	96	95	105	100	101	127
Coles	116	97	101	100	86	110	105
Cumberland	105	97	97	107	95	103	116
DeWitt	107	101	87	100	106	100	87
Douglas	118	97	100	100	85	105	92
Edgar	105	98	87	110	99	105	106
Ford	99	93	94	90	90	83	104
Fulton	90	95	87	102	102	102	105
Greene	130	100	103	99	107	103	110
Hancock	105	110	97	105	95	100	92
Jersey	105	100	100	90	92	106	110
Logan	108	101	102	100	102	100	92
Macon	114	102	100	96	97	96	92
Macoupin	124	89	94	92	95	98	106
Mason	122	90	95	100	102	100	77
McDonough	92	95	103	95	100	110	100
McLean	100	103	98	100	101	95	86
Menard	112	97	102	102	99	100	96
Montgomery	121	90	87	98	99	106	115
Morgan	125	100	104	107	100	101	96
Moultrie	107	100	100	99	97	106	92
Piatt	105	97	100	98	100	101	96
Pike	150	106	101	99	107	106	112
Sangamon	107	102	108	97	103	110	100
Schuyler	92	90	95	95	102	107	98
Scott	131	100	100	105	100	97	100
Shelby	118	100	93	100	102	108	106
Tazewell	116	100	100	99	104	95	97
Vermilion	107	97	103	100	122	114	99
Average	111	97	97	99	99	102	100

SOUTHERN DIVISION.

Counties.	Average 1885, comp'd with 1884	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Alexander	112	100	65	60	105	100	106
Bond	125	89	114	107	102	111	122
Clay	113	100	100	103	93	100	100
Clinton	143	100	100	101	103	115	116
Crawford	117	91	100	108	98	101	118
Edwards	125	95	100	95	100	100	110
Effingham	135	105	100	105	96	110	118
Fayette	131	102	100	102	77	112	108
Franklin	107	92	69	77	107	111	117
Gallatin	105	85	82	85	96	95	100
Hamilton	103	100	77	100	105	110	100
Hardin	90	70	40	78	95	106	100
Jackson	110	95	57	80	100	102	106
Jasper	112	100	87	100	80	115	120
Jefferson	112	99	100	115	102	100	115
Johnson	124	78	70	87	111	96	112
Lawrence	110	95	102	97	100	83	....
Madison	208	102	103	105	93	108	106
Marion	150	105	92	102	97	105	113
Massac	108	88	88	100	96	102	100
Monroe	144	92	88	102	100	103	110
Perry	109	101	95	101	109	100	120
Pope	*106	*79	110	95	100	93	103
Pulaski	105	87	95	90	100	100	110
Randolph	112	97	103	107	100	103	105
Richland	102	91	94	99	95	103	105
Saline	102	89	72	100	100	96	125
St. Clair	225	100	100	107	91	103	122
Union	90	80	...	82	102	98	103
Wabash	110	87	90	99	96	90	106
Washington	118	100	93	102	107	105	....
Wayne	115	98	83	98	91	100	112
White	157	90	97	97	90	100	114
Williamson	108	87	85	89	105	97	110
Average	122	93	89	96	98	102	110

*Estimated.

CONDITION WINTER RYE IN ILLINOIS JULY 1, 1885.

NORTHERN DIVISION.

Counties.	Av. condition April 1, 1885.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Boone	100	100	90	75	97	100	99
Bureau	90	90	75	87	100	92	110
Carroll	77	89	82	93	99	102	110
Cook	90	97	84	97	92	90	96
DeKalb	..	95	98	90	100	92	83
DuPage	90	97	95	97	92	100	105
Grundy	78	86	77	72	97	87	75
Henderson	87	95	95	91	102	100	90
Henry	80	91	89	90	81	90	103
Iroquois	60	97	79	105	70	88	103
JoDaviess	80	92	88	93	97	92	103
Kane	90	96	91	89	86	95	105
Kankakee	93	100	100	83	93	92	105
Kendall	100	95	100	97	100	94	102
Knox	87	92	90	92	100	97	85
Lake	90	87	90	93	96	100	105
LaSalle	90	80	77	90	93	94	97
Lee	95	96	88	92	102	92	101
Livingston	80	88	59	85	87	82	88
Marshall	62	85	75	65	105	96	99
McHenry	85	100	85	82	105	100	106
Mercer	95	97	74	82	85	88	85
Ogle	85	85	89	94	104	103	102
Peoria	75	86	69	77	97	95	96
Putnam	82	93	95	72	98	100	103
Rock Island	90	83	89	86	91	71	100
Stark	96	88	91	86	99	97	98
Stephenson	73	86	79	83	99	96	105
Warren	95	90	82	82	100	95	93
Whiteside	100	95	80	90	90	105	100
Will	80	98	97	100	100	102	96
Winnebago	78	87	75	88	87	97	125
Woodford	58	78	73	73	103	94	95
Average	85	91	85	87	95	94	99

CENTRAL DIVISION.

Counties.	Av. condition April 1, 1885.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Adams	90	90	97	100	87	....	70
Brown	35	100	92	85	95	75	105
Calhoun	75	47	75	60	..	82	100
Cass	64	97	100	100	100	100	100
Champaign	70	70	60	80	92	100	103
Christian	70	85	90	63	80	98	100
Clark	60	35	76	30	53	52	113
Coles	87	75	87	76	95	76	102
Cumberland	...	100	100	68	87	82	103
DeWitt	67	75	48	70	91	60	77
Douglas	60	80	80	77	87	75	100
Edgar	50	.	...	...	....	80	..
Ford	85	90	70	85	...	60	100
Fulton	76	92	75	90	91	90	94
Greene	90	75	90	100	90	67	107
Hancock	97	100	92	100	95	90	94
Jersey	....	95	...	75	100	....	..
Logan	68	97	100	95	99	86	100
Macon	85	....	65	90	93	83	100
Macoupin	90	90	90	92	...	90	75
Mason	85	....	90	95	100	97	89
McDonough	87	83	78	82	95	100	100
McLean	68	80	64	77	92	92	87
Menard	10	92	93	95	100	80	100
Montgomery	62	58	82	49	70	95	97
Morgan	79	90	91	88	100	86	100
Moultrie	100	70	92	75	87	87	91
Piatt	80	75	100	78	94	87	96
Pike	100	98	100	97	97	98	102
Sangamon	82	98	83	64	100	91	100
Schuyler	..	85	97	87	95	100	99
Scott	....	75	90	83	90	92	100
Shelby	55	50	68	62	98	82	102
Tazewell	67	97	100	82	90	95	99
Vermilion	80	100	75	75	80	82	114
Average	76	83	85	80	90	85	97

SOUTHERN DIVISION.

Counties.	Av. condition April 1, 1885.	Av. condition May 1, 1885.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Alexander	99	80	40	60	90	95	115
Bond	57	50	82	50	95	72	100
Clay	45	....	57	10	77	80	90
Clinton	100	100	100	97	90	93	115
Crawford	70	85	73	77	75	76	99
Edwards	70	...	.	....	90	95	100
Effingham	57	82	41	55	91	80	106
Fayette	63	45	80	42	52	54	98
Franklin	....	....	65	37	83	95	100
Gallatin	.	...	...	65	....	...	100
Hamilton	37	50	50	42	75	55	100
Hardin	90	....	...	50	....	..	....
Jackson	70	70	...	....	....	65	100
Jasper	73	63	50	50	80	57	106
Jefferson	70	54	40	60	73	100	90
Johnson	60	67	75	....	75	50	106
Lawrence	....	.	80	60	75	100	105
Madison	41	87	60	75	87	75	100
Marion	....	...	70	70	100	70	100
Massac	50	50	30	...	80	70	.
Monroe	100	93	98	75	....	92	100
Perry	70	87	60	67	66	61	103
Pope	85	42	100	95	...	50	100
Pulaski	...	....	97	...	...	....	100
Randolph	90	100	94	90	88	80	100
Richland	82	80	75	70	91	42	107
Saline	50	50	60	60	75	80	120
St. Clair	80	100	100	85	97	92	....
Union	80	70	70	55	90	86	98
Wabash	...	....	100	....	...	....	80
Washington	75	77	92	67	75	62	....
Wayne	...	50	30	30	60	10	110
White	...	....	...	50	75	75	100
Williamson	....	....	....	50	..	100	100
Average	70	71	70	60	81	74	101

CONDITION MEADOWS, JULY 1, 1885, Etc.

NORTHERN DIVISION.

Counties.	Average 1885, comp'd with 1884.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Boone	100	90	87	102	102	101
Bureau	110	100	90	100	106	87
Carroll	190	97	92	102	103	105
Cook	102	75	76	86	101	84
DeKalb	99	99	88	95	103	98
DuPage	95	75	91	67	110	100
Grundy	95	84	72	105	100	85
Henderson	105	75	80	100	100	100
Henry	100	97	85	92	108	108
Iroquois	100	96	92	84	97	97
Jo Daviess	102	89	87	104	105	100
Kane	100	87	79	77	102	100
Kankakee	94	97	84	96	113	100
Kendall	100	87	77	86	106	100
Knox	97	92	87	106	110	97
Lake	100	85	85	90	107	96
LaSalle	100	80	79	94	101	99
Lee	102	97	89	97	103	105
Livingston	107	85	75	99	110	99
Marshall	110	75	95	103	108	97
McHenry	101	85	92	92	112	118
Mercer	107	95	89	95	109	100
Ogle	100	96	98	102	106	105
Peoria	91	76	76	100	102	97
Putnam	95	92	84	100	107	106
Rock Island	94	88	88	94	105	97
Stark	91	92	93	79	106	104
Stephenson	96	87	89	103	96	90
Warren	100	97	97	109	100	101
Whiteside	100	97	100	105	115	87
Will	82	82	84	84	110	95
Winnebago	100	83	87	110	108	115
Woodford	92	90	92	107	105	90
Average	99	85	86	96	105	99

CENTRAL DIVISION.

Counties.	Average 1885, comp'd with 1884.	Av. condition June 1, 1885.	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Adams	99	95	70	100	100	79
Brown	100	96	98	97	105	90
Calhoun	101	97	83	...	90	105
Cass	100	94	97	102	100	100
Champaign	100	80	90	95	100	103
Christian	108	94	96	105	102	101
Clark	100	92	90	98	87	118
Coles	95	97	86	105	91	100
Cumberland	100	108	92	95	101	104
DeWitt	103	88	101	107	102	85
Douglas	82	85	90	87	95	96
Edgar	100	82	79	98	96	102
Ford	101	89	87	97	86	107
Fulton	92	96	94	103	102	102
Greene	100	99	105	107	106	93
Hancock	80	88	100	100	105	96
Jersey	100	107	97	105	103	100
Logan	107	100	97	107	101	100
Macon	93	93	89	110	88	100
Macoupin	100	92	87	105	106	86
Mason	100	95	100	100	102	91
McDonough	103	97	105	110	110	77
McLean	92	92	90	106	98	96
Menard	97	95	95	101	102	95
Montgomery	109	92	94	102	96	102
Morgan	101	99	101	101	104	88
Moultrie	100	91	94	106	97	96
Piatt	105	100	103	102	96	103
Pike	101	92	94	93	101	84
Sangamon	97	93	92	103	98	96
Schuyler	90	87	93	95	96	92
Scott	102	100	106	112	103	46
Shelby	103	95	87	105	98	95
Tazewell	96	95	92	105	102	96
Vermilion	100	85	100	115	107	105
Average	99	94	93	102	99	95

SOUTHERN DIVISION.

Counties.	Average 1885, comp'd with 1884.	Av. condition June 1, 1885	Av. condition July 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Alexander	115	75	80	103	100	85
Bond	105	99	90	107	105	86
Clay	107	97	87	93	105	80
Clinton	100	100	90	100	120	87
Crawford	103	87	85	95	95	92
Edwards	90	80	45	100	103	110
Effingham	104	95	89	98	95	102
Fayette	106	95	100	93	99	100
Franklin	97	76	66	102	112	70
Gallatin	90	79	83	99	103	75
Hamilton	107	71	55	104	113	78
Hardin	100	40	67	100	100	100
Jackson	100	75	100	100	107	92
Jasper	102	95	83	75	105	88
Jefferson	110	95	77	106	100	93
Johnson	85	65	92	86	90	84
Lawrence	100	95	82	103	92	80
Madison	108	104	98	103	104	92
Marion	92	87	65	107	85	98
Massac	107	96	80	86	104	40
Monroe	102	87	100	100	100	80
Perry	104	84	79	101	96	66
Pope	100	110	115	100	96	86
Pulaski	106	89	82	110	106	96
Randolph	105	88	92	105	103	82
Richland	100	90	87	98	103	85
Saline	107	85	95	110	96	110
St. Clair	102	100	89	95	106	101
Union	110	80	72	100	105	80
Wabash	100	96	90	95	99	77
Washington	105	93	88	100	105	...
Wayne	95	70	80	102	105	80
White	109	80	75	88	101	70
Williamson	102	62	80	107	105	66
Average	102	86	84	99	102	85

CONDITION PASTURES JULY 1, 1885.

NORTHERN DIVISION.

Counties.	Ac'r'ge '85 compar'd with '84	Av. condition June 1, 1885.	Av. condition July 1, 1884..	Av. condition July 1, 1883..	Av. condition July 1, 1882..
Boone	100	96	100	105	108	102
Bureau	97	97	103	105	109	80
Carroll	100	98	102	107	103	100
Cook	101	84	84	85	104	86
DeKalb	99	97	98	99	102	95
DuPage	105	77	100	75	110	100
Grundy	97	82	75	104	102	85
Henderson	110	90	94	106	100	105
Henry	100	100	100	102	110	100
Iroquois	101	97	91	99	108	97
JoDaviess	102	89	89	106	110	104
Kane	100	94	93	76	106	104
Kankakee	102	96	94	102	112	85
Kendall	100	85	91	87	109	93
Knox	100	92	96	104	114	97
Lake	102	85	97	97	107	100
LaSalle	96	87	82	93	103	98
Lee	104	99	98	101	107	105
Livingston	106	80	75	102	116	90
Marshall	105	82	85	104	105	96
McHenry	101	89	99	97	106	111
Mercer	102	97	97	97	108	90
Ogle	100	96	102	101	111	106
Peoria	101	66	94	100	100	101
Putnam	100	90	100	107	114	104
Rock Island	97	92	91	100	112	89
Stark	100	87	88	100	106	100
Stephenson	97	68	97	101	102	92
Warren	100	94	103	110	110	99
Whiteside	101	97	102	105	115	87
Will	82	80	79	88	106	88
Winnebago	102	80	98	110	110	110
Woodford	100	92	98	115	106	90
Average	100	89	94	100	108	96

CENTRAL DIVISION.

Counties.	Ac'r'ge '85 compared with '84	Av. condition June 1, 1885.	Av. condition July 1, 1884..	Av. condition July 1, 1883..	Av. condition July 1, 1882..
Adams	102	99	100	98	100	77
Brown	106	97	100	98	106	95
Calhoun	106	97	87	....	100	105
Cass	100	94	104	112	106	105
Champaign	100	90	90	105	100	93
Christian	105	94	93	97	110	102
Clark	105	92	102	97	94	114
Coles	95	97	100	102	100	100
Cumberland	107	107	100	102	115	100
DeWitt	100	88	101	110	108	85
Douglas	85	85	103	97	100	100
Edgar	100	82	97	98	100	97
Ford	102	92	99	106	105	106
Fulton	98	88	97	104	104	105
Greene	104	97	105	103	105	88
Hancock	97	93	100	100	105	107
Jersey	100	103	97	110	103	85
Logan	101	100	100	104	104	99
Macon	97	93	90	109	103	92
Macoupin	105	95	96	105	118	86
Mason	100	100	100	105	100	82
McDonough	100	90	110	110	120	102
McLean	96	92	99	107	104	94
Menard	102	96	102	106	102	100
Montgomery	105	95	102	102	102	105
Morgan	97	95	106	104	110	96
Moultrie	105	95	100	107	102	92
Piatt	105	100	103	106	105	100
Pike	100	91	100	99	104	97
Sangamon	100	92	92	106	102	99
Schuyler	95	105	102	102	97	86
Scott	100	103	102	103	102	83
Shelby	101	98	93	108	103	95
Tazewell	100	100	99	106	104	106
Vermilion	103	92	100	115	122	97
Average	100	95	99	104	105	96

SOUTHERN DIVISION.

Counties.	Ac'r'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883..	Av. condition July 1, 1882.
Alexander	95	75	90	99	102	96
Bond	105	104	110	106	105	92
Clay	108	98	88	92	100	100
Clinton	100	100	100	103	120	117
Crawford	102	92	90	100	109	98
Edwards	100	90	50	102	100	110
Effingham	100	96	92	95	95	99
Fayette	104	100	103	94	105	103
Franklin	107	77	76	105	105	100
Gallatin	94	92	90	95	100	95
Hamilton	94	72	85	106	116	106
Hardin	100	100	63	100	100	96
Jackson	100	87	100	100	102	100
Jasper	100	95	97	75	105	96
Jefferson	105	90	83	103	100	96
Johnson	89	65	103	84	83	83
Lawrence	102	100	87	100	100	100
Madison	101	102	102	97	106	92
Marion	97	90	83	98	90	90
Massac	107	102	100	95	109	75
Monroe	102	94	100	100	105	96
Perry	101	82	96	101	106	105
Pope	100	110	110	100	100	99
Pulaski	100	96	101	100	113	109
Randolph	100	93	97	104	105	100
Richland	104	89	100	96	103	92
Saline	100	83	90	100	100	100
St. Clair	102	101	98	100	102	115
Union	110	75	87	102	100	85
Wabash	100	86	80	78	102	101
Washington	107	93	100	105	110	....
Wayne	107	85	90	102	105	91
White	100	74	75	80	105	95
Williamson	100	80	87	100	106	100
Average	101	90	91	97	103	92

CONDITION IRISH POTATOES, JULY 1, 1885, ETC.

Northern Division. Counties.	Acr'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Boone	97	90	93	101	100	100
Bureau	102	97	100	101	114	106
Carroll	95	75	93	100	105	110
Cook	102	97	100	92	99	92
DeKalb	101	98	100	101	105	101
DuPage	90	87	97	98	80	75
Grundy	102	92	88	102	104	110
Henderson	100	100	99	100	95	115
Henry	100	92	100	103	110	106
Iroquois	100	92	96	102	107	90
JoDaviess	101	92	98	97	100	105
Kane	101	95	102	89	98	100
Kankakee	100	100	95	100	110	92
Kendall	97	100	90	91	109	96
Knox	100	99	100	105	109	105
Lake	100	83	93	90	95	92
LaSalle	96	89	91	93	96	103
Lee	100	98	100	101	100	104
Livingston	100	91	90	100	107	89
Marshall	102	95	105	106	101	100
McHenry	99	83	99	97	102	112
Mercer	102	93	100	100	112	95
Ogle	100	97	97	97	104	103
Peoria	92	95	92	104	96	100
Putnam	100	92	97	107	118	107
Rock Island	99	99	98	101	104	103
Stark	100	92	100	102	100	98
Stephenson	100	98	100	97	101	98
Warren	99	102	105	107	108	107
Whiteside	100	98	107	95	110	105
Will	77	78	83	91	106	103
Winnebago	100	91	98	93	114	110
Woodford	102	93	103	115	99	102
Average	99	93	97	99	104	101

Central Division. Counties.	Acr'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Adams	97	90	70	98	100	90
Brown	97	92	100	105	93	102
Calhoun	107	99	98	100	90	100
Cass	100	97	97	111	97	114
Champaign	100	100	100	101	110	90
Christian	101	89	99	92	107	109
Clark	96	85	105	75	104	118
Coles	100	95	96	91	100	102
Cumberland	102	97	105	95	106	107
DeWitt	103	92	105	102	111	105
Douglas	100	100	97	90	96	105
Edgar	100	100	100	99	110	105
Ford	100	100	103	97	102	105
Fulton	97	71	100	102	111	112
Greene	98	102	115	100	100	118
Hancock	97	100	100	102	80	92
Jersey	100	100	87	105	98	122
Logan	100	98	100	103	100	102
Macon	100	92	98	100	103	108
Macoupin	103	102	102	96	96	89
Mason	100	100	100	106	107	105
McDonough	95	100	105	110	110	105
McLean	100	90	101	104	100	94
Menard	102	96	100	102	105	91
Montgomery	110	102	106	86	103	109
Morgan	103	100	104	102	92	103
Moultrie	100	100	100	101	100	105
Piatt	100	90	100	77	97	100
Pike	100	100	100	102	95	118
Sangamon	97	85	95	104	96	103
Schuyler	90	90	97	98	102	98
Scott	92	93	100	100	90	108
Shelby	87	100	103	96	100	99
Tazewell	100	100	97	97	106	102
Vermilion	102	100	110	110	121	125
Average	99	96	100	99	101	104

Southern Division. Counties.	Acr'ge '85 compared with '84.	Av. condition June 1, 1885.	Av. condition July 1, 1884.	Av. condition July 1, 1883.	Av. condition July 1, 1882.
Alexander	100	100	100	107	110	112
Bond	97	96	102	102	100	108
Clay	100	100	103	97	105	100
Clinton	100	75	90	97	103	132
Crawford	106	98	102	91	104	110
Edwards	100	100	85	105	100	110
Effingham	104	94	100	96	100	111
Fayette	102	102	100	88	106	106
Franklin	103	99	90	107	105	105
Gallatin	100	101	92	101	103	100
Hamilton	105	97	100	102	108	100
Hardin	70	80	90	100	100	83
Jackson	95	95	90	120	87	106
Jasper	100	100	102	60	115	115
Jefferson	100	105	92	98	100	102
Johnson	100	94	105	100	100	109
Lawrence	100	100	105	98	102	120
Madison	102	100	105	100	92	92
Marion	92	75	108	93	90	98
Massae	102	102	100	95	99	110
Monroe	106	96	102	100	103	113
Perry	102	97	100	104	92	110
Pope	75	100	115	90	96	97
Pulaski	101	102	102	100	103	107
Randolph	93	103	100	100	95	103
Richland	104	99	104	94	106	97
Saline	100	92	100	100	93	100
St. Clair	110	100	103	81	92	115
Union	100	90	87	98	95	96
Wabash	105	97	99	95	103	96
Washington	100	100	108	105	102	100
Wayne	100	92	100	100	95	94
White	95	90	97	100	105	95
Williamson	110	100	100	102	100	103
Average	100	96	99	98	100	103

FARM CROPS.

Condition or Yield.

Counties.	CORN.... Condition July 1, 1885.....	BROOM CORN.. Condition July 1, 1885..	SORGH'M Condition July 1, 1885.....	WINTER WHEAT. Condition or yield July 1, 1885.....	WINTER RYE.... Condition or yield July 1, 1885.....	SPRING WHEAT. Condition July 1, 1885.....	SPRING BARL'Y. Condition July 1, 1885.....	OATS .. Condition July 1, 1885.....	FLAX.. Condition July 1, 1885.....	COTTON.. Condition July 1, 1885.....	TOBACCO Condition July 1, 1885.....	IRISH P'TAT'S. Condition July 1, 1885	SWEET P'TAT'S. Condition July 1, 1885.....	MEAD-OWS... Condition or yield July 1, 1885.....	CLOVER.. Condition July 1, 1885.....	TIMOT'Y. Condition July 1, 1885.....	PASTR'S. Condition July 1, 1885.....
	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Adams	80	...	....	8	100	....	....	100	....	....	....	70	50	70	100	70	100
Alexander	90	75	100	60	60	....	....	60	....	....	....	100	100	80	80	75	90
Bond	90	....	60	10	50	....	....	107	....	....	....	102	99	90	102	91	110
Boone	80	..	...	60	75	90	95	93	80	....	....	93	....	87	77	93	100
Brown	80	....	66	40	85	....	....	100	....	....	....	100	75	98	100	95	100
Bureau	88	....	100	62	87	90	....	97	....	....	....	100	....	90	90	90	103
Calhoun	90	75	90	45	60	...	....	95	...	....	90	98	98	83	97	88	87
Carroll	95	100	100	20	93	98	100	95	....	...	....	93	100	92	75	88	102
Cass	105	....	90	75	100	....	....	105	....	....	....	97	85	97	100	100	104
Champaign	100	100	100	40	80	....	....	90	....	....	....	100	100	90	100	80	90
Christian	82	...	75	9	63	100	....	84	...	...	....	99	90	96	92	94	93
Clark	92	83	85	20	30	....	. ..	105	100	....	83	105	92	90	95	90	102
Clay	100	100	97	17	10	....	....	103	100	....	100	103	100	87	92	85	88
Clinton	90	80	70	22	97	....	....	101	....	....	100	90	90	90	95	90	100
Coles	86	89	94	17	76	....	....	100	....	....	100	96	99	86	88	86	100
Cook	89	....	100	90	97	90	100	99	87	....	100	100	...	76	90	72	84
Crawford	104	....	89	46	77	...	100	108	....	....	97	102	92	85	85	82	90
Cumberland	95	95	91	30	68	....	....	107	100	....	100	105	89	92	100	96	100
DeKalb	97	95	95	87	90	92	95	95	....	....		100	...	88	87	88	98
DeWitt	86	90	69	72	70	87	....	100	...	. .	100	105	. 96	101	97	102	101
Douglas	88	80	77	48	77	....	....	100	....	....	....	97	82	90	92	95	103
DuPage;	96	....	....	95	97	95	95	90	95	....	....	97	....	91	90	85	100
Edgar	103	100	100	17	....	....	...	110	....	....	....	100	87	79	100	90	97
Edwards	100	...	100	45	....	....	....	95	....	....	90	85	85	45	95	80	50
Effingham	94	95	93	30	55	....	....	105	....	....	90	100	95	89	100	84	92
Fayette	95	100	93	12	42	...	....	102	....	....	90	100	90	100	103	96	103
Ford	81	....	....	50	85	...	.. .	90	90	....	....	103	75	87	92	90	99
Franklin	111	90	96	40	37	....	....	77	....	100	90	90	87	66	79	69	76
Fulton	92	....	92	64	90	80	....	102	....	....	....	100	97	94	75	97	97
Gallatin	110	....	100	70	65	....	....	85	..	....	100	92	100	83	90	75	90
Greene	105	....	115	50	100	100	....	99	...	....	....	115	98	105	105	102	105
Grundy	88	....	82	...	72	....	....	68	70	...	....	88	80	72	75	70	75
Hamilton	112	100	90	27	42	....	. ..	100	95	....	110	100	105	55	65	55	85
Hancock	95	....	100	40	100	....	....	105	....	....	...	100	100	100	105	100	100
Hardin	97	...	80	40	50	...	...	78	....	....	60	90	73	67	87	73	63
Henderson	75	75	82	53	91	100		94	....	....	100	99	92	80	81	86	94
Henry	81	87	93	....	90	100	100	99	...	...	...	100	97	85	79	87	100
Iroquois	100	80	85	62	105	....	....	96	93	....	....	76	100	92	95	87	91
Jackson	80	..	75	75		....	....	80	...	...	....	90	100	100	100	100	100
Jasper	87	85	83	22	50	....	....	100	....	....	83	102	90	83	90	83	97
Jefferson	100	105	100	30	60	..	....	115	100	....	90	92	85	77	82	77	83
Jersey	80	....	75	..	75	....	....	90	....	....	...	97	93	97	90	95	97
JoDaviess	92	....	100	56	93	95	95	96	....	....	90	98	....	87	75	87	89
Johnson	113	....	98	50	....		....	87	....	....	98	105	103	92	77	90	103
Kane	93	....	....	87	89	97	95	99	102	....	....	102	....	79	81	80	93
Kankakee	91	90	85	67	83	75	75	85	87	....	....	95	...	84	93	81	94
Kendall	87	...	...	100	97	70	....	82	....	....	....	90	87	77	81	79	91
Knox	92	90	95	65	92	100	....	100	....	....	...	100	100	87	87	91	96
Lake	75	...	65	78	93	83	85	88	87	....	....	98	....	85	88	87	97
LaSalle	85		95	81	90	95	....	79	90	....	....	91	100	79	90	80	82
Lawrence	105	100	95	35	60	....	....	97	....	....	...	105	97	82	90	85	87

FARM CROPS.--Continued.

Condition or Yield.

Counties.	CORN.... Condition July 1, 1885	Per Cent.	BROOM CORN. Condition July 1, 1885	Per Cent.	SORGH'M. Condition July 1, 1885	Per Cent	WINTER WHEAT. Condition of yield July 1, 1885	Per Cent.	WINTER RYE... Condition July 1, 1885	Per Cent	SPRING WHEAT. Condition July 1, 1885	Per Cent.	SPRING BARL'Y. Condition of yield July 1, 1885	Per Cent.	OATS.... Condition July 1, 1885	Per Cent.	FLAX.... Condition July 1, 1885	Per Cent.	COTTON.. Condition July 1, 1885	Per Cent.	TOBACCO Condition July 1, 1885	Per Cent.	IRISH P'TAT'S. Condition July 1, 1885	Per Cent.	SWEET P'TAT'S. Condition or yield July 1, 1885	Per Cent.	MEAD-OWS... Condition July 1, 1885	Per Cent.	CLOVER. Condition July 1, 1885	Per Cent.	TIMOT'Y. Condition July 1, 1885	Per Cent.	PASTR'S. Condition July 1, 1885	Per Cent.
Lee	93	....	100	70	92	95	90	94	....	....	....	100	100	89	80	88	98															
Livingston	79	75	73	67	85	....	80	70	75	.	...	90	90	75	82	71	75															
Logan	95	....	95	75	95	90	....	100	....	...	....	100	100	97	95	96	100															
Macon	91	....	88	20	90	95	...	96	....	....	....	98	99	89	87	83	90															
Macoupin	90	. ..	76	18	92	....	....	92	....	....	...	102	97	87	90	91	96															
Madison	94	....	95	27	75	....	100	105	..	....	100	105	100	98	95	100	102															
Marion	87	70	65	53	70	...	.	102	90	....	...	108	78	65	95	62	83															
Marshall	85	....	90	20	65	.	90	100	.	....	...	105	100	95	95	95	85															
Mason	87	....	80	38	95	100	....	100	...	....	....	100	100	100	100	100	100															
Massac	100	...	100	100	....	....	....	100	....	....	100	100	100	100	100	100	100															
McDonough	75	77	75	45	82	87	...	95	....	....	....	105	100	105	100	105	110															
McHenry	95	....	82	88	82	92	95	97	87	....	....	99	100	92	83	96	99															
McLean	84	...	....	42	77	....	....	100	..	...	..	101	90	90	88	91	99															
Menard	97	100	100	70	95	....	....	102	...	..	..	100	89	95	96	99	102															
Mercer	86	75	83	75	82	80	...	95	...	..	...	100	97	89	77	91	97															
Monroe	100	100	100	22	75	....	110	102	....	....	....	102	100	100	97	100	100															
Montgomery,	86	72	88	9	49	....	60	98	...	....	...	106	100	94	99	96	102															
Morgan	103	96	82	56	88	75	.	107	....	....	100	104	97	101	91	98	106															
Moultrie	80	85	100	24	75	....	....	99	....	....	....	100	95	94	100	96	100															
Ogle	92	100	95	68	94	95	95	102	....	....	....	97	92	98	94	99	102															
Peoria	71	75	60	56	77	92	....	92	...	....	...	92	97	76	66	78	94															
Perry	101	100	97	34	67	....	....	101	80	....	....	100	98	79	82	83	96															
Piatt	88	95	100	55	78	100	....	98	97	....	100	100	97	103	98	103	103															
Pike	86	100	100	11	97	....	....	99	....		..	100	100	94	96	92	100															
Pope	110	100	100	65	95	75	85	95	95	100	110	115	95	115	95	95	110															
Pulaski	112	....	97	22	.	....	....	90	...	...	100	102	102	82	94	84	101															
Putnam	79	....	87	52	72	85	....	92	....	....	..	97	97	84	77	87	100															
Randolph	103	.	103	73	90	....	....	107	....	...	100	100	95	92	98	93	97															
Richland	102	97	92	29	70	....	....	99	....	...	.	104	98	87	97	90	100															
Rock Island	82	75	75	70	86	97	90	92	....	....	....	98	97	88	83	89	91															
Saline	110	105	95	60	60	....	...	100	....	....	95	100	100	95	95	95	90															
Sangamon	100	....	....	45	64	100	....	97	..	..	....	95	97	92	76	93	92															
Schuyler	85	90	65	55	87	90	...	95	..	....	..	97	80	93	88	95	102															
Scott	86	....	....	20	83	....	....	105	....	...	....	100	93	106	100	100	102															
Shelby	89	94	87	4	62	....	....	100	....	....	97	103	99	87	95	88	93															
Stark	90	96	101	87	86	94	100	100	....	..	....	100	98	93	88	92	88															
St. Clair	95	95	95	12	85	...	92	107	....	. ..	....	103	97	89	83	88	98															
Stephenson	92	100	93	53	83	96	98	96	....	. .	99	100	100	89	65	94	97															
Tazewell	85	100	90	50	82	88	95	99	....	....	....	97	66	92	77	99	99															
Union	100	...	77	65	55	....	..	82	....	....	....	87	60	72	75	70	87															
Vermilion	100	100	100	50	75	....	....	100	100	....	....	110	100	100	100	100	100															
Wabash	99	....	97	45	....	....	....	99	....	....	....	99	102	90	85	79	80															
Warren	87	100	95	72	82	90	....	97	...	...	100	105	102	97	87	99	103															
Washington	103	100	95	33	67	...	....	102	....	...	100	108	88	88	93	88	100															
Wayne	92	100	88	29	30	....	....	98	....	....	100	100	95	80	88	85	90															
White	97	200	97	38	50	....		97	....	....	87	97	90	75	70	75	75															
Whiteside	100	....	...	...	90	95	100	95	....	....	....	107	102	100	70	100	102															
Will	91	....	75	92	100	100	88	78	97	...	75	83	....	84	86	78	79															
Williamson	103	100	100	42	50		. ..	89	....	100	104	100	98	80	81	78	87															
Winnebago	88	100	95	67	88	100	93	100	....	...	95	98	....	87	....	82	98															
Woodford		70	90	57	73	65	65	98	...	....	....	103	95	92	87	93	98															

FARM AND FRUIT CROPS.

Acreage and Yield.

COUNTIES.	ORCHARDS.			VINEY'RDS		HUNGARIAN AND MILLET.	WOODLAND.	WHEAT HARVEST COMMENCED.
	AP'L'S	PE'CH	PEAR.					
	Acreage 1885, compared with 1884.	Acreage 1885, compared with 1884.	Acreage 1885, compared with 1884.	Condition July 1, 1885.	Acreage 1885, compared with 1884.	Acreage 1885, compared with 1884.	Acreage 1885, compared with 1884.	
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	
Adams	25	.....	25	75	80	110	10	.....July 7
Alexander	110	100	110	100	100	100	9	....June 11
Bond	82	70	87	95	100	100	9	... June 20
Boone	42	.....	.....	.....	.....	...	10	....
Brown	100	75	100	75	100	100	99	.. .June 30
Bureau	36	.....	.....	38	75	..	92	.....
Calhoun	82	80	62	95	100	105	95	... June 24
Carroll	85	.....	.....	17	75	.....	99	.. ..
Cass	97	50	87	22	75	....	97	.. .June 27
Champaign	100	100	100	50	100	120	100	....
Christian	96	74	101	94	99	.....	100	... June 28
Clark	88	.....	25	78	100	45	89	... June 25
Clay	82	100	83	83	100	175	99	. ..June 21
Clinton	105	85	97	98	99	130	53	... June 26
Coles	83	..	87	87	93	82	98	.. .June 28
Cook	100	20	100	75	100	100	100	... .
Crawford	85	80	71	91	86	80	91	... June 25
Cumberland	22	95	70	97	97	110	93	. ..June 29
DeKalb	65	..	.....	100	100	90	100	. .....
DeWitt	93	50	100	78	92	93	97	....July 10
Douglas	90	62	100	75	92	100	95	.....July 4
DuPage	57	... ..	.....	70	100	100	100	....
Edgar	100	60	85	80	50	.....	99	... .
Edwards	.....	...	.....	.....	.....	.....	.....	. June 15
Effingham	107	60	97	96	102	101	91	.. .June 22
Fayette	107	.....	100	93	100	107	98	... June 25
Ford	100	100	100	45	100	110	100	....July 6
Franklin	110	69	100	80	100	100	97	.. .June 15
Fulton	72	50	100	42	87	60	96	.. .June 29
Gallatin	80	62	70	100	100	75	94	... June 15
Greene	100	100	100	107	102	115	100	. ..June 27
Grundy	25	.....	.....	50	52	100	100	.....
Hamilton	102	30	102	137	137	85	99	... June 20
Hancock	25	....	40	80	100	90	100	.....July 2
Hardin	87	93	80	70	90	90	100	.. .June 10
Henderson	75	100	.....	60	87	90	100	.....July 6
Henry	71	....	75	67	100	100	100	.....
Iroquois	67	100	25	12	62	97	80	...July 15
Jackson	100	100	100	100	100	75	100	... June 10
Jasper	100	67	92	82	103	102	95	. ..June 28
Jefferson	107	80	105	100	105	85	95	... June 25
Jersey	83	90	75	73	72	75	100	.. .June 25
JoDaviess	48	.....	100	90	100	.....	99	.....
Johnson	108	103	100	100	100	92	97	.. June 18
Kane	91	87	100	72	100	102	100	.....July 6
Kankakee	84	.....	.....	57	70	75	100	.....
Kendall	60	....	.....	21	100	100	97	... .
Knox	55	.....	.....	10	10	100	100	.....July 6
Lake	100	.....	100	83	100	110	96	....July 15
LaSalle	59	.....	.....	35	5	102	97	.....
Lawrence	92	90	100	100	105	.....	97	... June 20
Lee	60	.....	.....	71	90	.....	100	.....

FARM AND FRUIT CROPS—Continued.

Acreage and Condition.

COUNTIES.	ORCHARDS.			VINEY'RDS		HUNGARIAN AND MILLET.	WOODLAND.	WHEAT HARVEST COMMENCED....
	AP'L'S.	PE'CH	PEAR.					
	Acreage 1885, comp'd with 1884.....	Acreage 1885, comp'd with 1884.....	Acreage 1885, comp'd with 1884.....	Condition July 1, 1885.	Acreage 1885, comp'd with 1884.....	Acreage 1885, comp'd with 1884.....	Acreage 1885, comp'd with 1884.....	
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent	
Livingston	37	50	50	25	50	100	102	
Logan	92	60	95	95	97	102	100	July 5.
Macon	85	...	100	52	92	.....	100	July 10.
Macoupin	93	70	75	92	98	107	99	June 26
Madison	100	72	100	88	82	100	93	June 22.
Marion	93	100	80	117	95	77	60	June 15.
Marshall	50	..	.....	40	100	110	95	
Mason	87	100	87	97	107	100	97	July 6.
Massac	100	100	100	100	100	100	100	June 15.
McDonough	75	20	40	75	100	110	95	July 10.
McHenry	87	.....	62	92	100	110	98	
McLean	72	80	56	32	60	80	97	
Menard	76	.....	100	90	100	100	96	June 30.
Mercer	64	.....	.....	.....	.....	75	95	
Monroe	77	100	70	80	100	100	100	June 22.
Montgomery	83	62	83	96	100	98	96	June 25.
Morgan	86	.....	100	83	100	110	100	June 29.
Moultrie	84	25	60	67	100	92	100	July 6.
Ogle	91	.....	.....	83	97	102	95	
Peoria	81	.....	50	47	55	.....	100	
Perry	98	77	91	100	100	97	91	June 18.
Piatt	88	....	75	75	95	102	100	
Pike	72	50	100	75	87	100	95	June 27.
Pope	85	105	100	102	100	110	99	June 12.
Pulaski	102	101	103	107	112	103	94	June 10.
Putnam	85	...	70	57	100	103	100	July 5.
Randolph	83	83	97	105	100	102	95	June 23.
Richland	102	92	87	97	101	100	97	June 24.
Rock Island	63	65	65	53	83	100	93	July 6.
Saline	100	100	100	100	100	100	95	June 2.
Sangamon	100	80	75	100	100	100	97	June 30.
Schuyler	83	90	100	50	100	100	94	June 24.
Scott	70	...	65	82	92	100	97	
Shelby	102	60	93	65	97	86	98	
Stark	87	100	100	92	103	97	98	
St. Clair	87	100	85	82	85	105	97	June 22.
Stephenson	96	.....	75	80	100	105	99	
Tazewell	51	.....	.....	62	75	100	99	July 1.
Union	102	100	100	90	100	100	97	June 15.
Vermilion	40	.....	..	..	100	100	100	July 6.
Wabash	102	95	107	102	100	...	97	June 20.
Warren	75	70	70	87	95	100	100	
Washington	105	98	100	90	100	100	96	June 20.
Wayne	107	104	100	95	100	.....	97	June 18.
White	87	82	95	97	102	100	96	June 16.
Whiteside	100	.....	100	90	100	....	100	
Will	70	.....	37	50	75	97	90	
Williamson	96	70	82	97	103	.....	93	June 10.
Winnebago	85	.....	.....	67	98	100	93	
Woodford	65	10	27	60	83	92	100	July 6.

FARM AND FRUIT CROPS.

Acreage and Yield.

COUNTIES.	CHERRIES.	STRAWBERRIES.	RASPBERRIES	GOOSEBERRIES.	CURRANTS.	FIELD BEANS.		FIELD PEAS.	WOOL.
	Yield.....	Yield.....	Yield.....	Yield.....	Yield.....	Condition July 1, 1885	Acreage 1885, compared with 1884....	Acreage 1885, compared with 1884....	Clip of 1885, compared with 1884....
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent	Per cent.	Per cent.
Adams	100	100	100	100	100	100	100	.....	85
Alexander	90	100	90	90	100	90	100	100	110
Bond	75	102	85	91	95	98	113	.....	97
Boone	15	103	85	50	47	.....	...	60	75
Brown	50	85	85	100	100	75	100	.....	100
Bureau	5	110	95	100	100	.	....	.....	95
Calhoun	65	75	87	90	70	100	110	.....	100
Carroll	....	103	103	97	85	100	100	100	64
Cass	67	103	91	87	77	...	....	.....	100
Champaign	20	100	100	75	40	100	100	.....	75
Christian	63	101	97	97	94	100	100	.....	103
Clark	7	93	78	80	77	90	82	.....	100
Clay	58	100	70	110	97	97	100	..	85
Clinton	87	110	90	100	103	100	102	100	97
Coles	49	92	82	83	69	95	100	.....	90
Cook	52	102	100	102	85	100	95	..	100
Crawford	59	95	100	90	91	90	90	100	100
Cumberland	32	95	85	80	94	95	105	100	80
DeKalb	40	92	100	97	62	100	102	100	83
DeWitt	57	123	100	97	80	100	105	.....	90
Douglas	67	98	72	75	78	87	100	100	82
DuPage	62	102	100	100	102	95	100	100	80
Edgar	65	97	100	80	72	100	100	.....	100
Edwards	..	.....	....	.....	.....	...	.....	...	.....
Effingham	52	103	87	85	94	97	103	100	100
Fayette	60	90	83	70	77	97	110	105	98
Ford	18	100	100	62	58	100	110	.....	80
Franklin	81	105	102	100	100	93	100	.....	102
Fulton	20	105	95	93	90	..	.....	....	90
Gallatin	37	80	100	60	70	100	.....	.....	100
Greene	75	108	110	102	90	100	102	.....	110
Grundy	25	95	100	90	85	90	100		65
Hamilton	95	100	100	105	75	105	150	105	70
Hancock	75	110	80	100	105	....	...	.....	100
Hardin	...	.....	....	....	....	60	90	.....	75
Henderson	47	105	97	96	90	95	95	.....	97
Henry	25	115	97	100	96	100	93	100	90
Iroquois	11	99	87	77	56	100	100	.....	95
Jackson	90	75	75	100	100	100	100	.....	100
Jasper	40	87	75	73	75	97	100	100	97
Jefferson	115	110	100	75	80	95	100	100	100
Jersey	90	100	93	100	100	80	80	...	93
JoDaviess	9	92	100	100	52	100	100	100	95
Johnson	92	95	97	100	100	100	100	100	103
Kane	50	110	100	97	85	100	99	100	85
Kankakee	15	106	85	89	65	100	93	.....	99
Kendall	12	99	82	100	96	100	100	.....	92
Knox	47	112	90	93	78	...	.....	.....	90
Lake	87	90	100	100	35	90	88	85	80
LaSalle	20	103	102	83	83	95	100	...	98
Lawrence	90	100	80	100	97	100	80	....	100
Lee	80	101	91	97	92	100	101	.....	88

FARM AND FRUIT CROPS—Continued.

Acreage and Yield.

COUNTIES.	CHERRIES. Yield	STRAWBERRIES. Yield	RASPBERRIES. Yield	GOOSEBERRIES. Yield	CURRANTS. Yield	FIELD BEANS. Condition July 1, 1885.	FIELD BEANS. Acreage 1885, comp'd with 1884	FIELD PEAS. Acreage 1885, comp'd with 1884	WOOL. Clip of 1885, comp'd with 1884
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston	20	117	77	62	73	87	80	.....	103
Logan	82	107	107	85	90	100	100	.....	100
Macon	49	105	81	100	83	97	97	.....	79
Macoupin	67	112	92	102	92	93	99	.....	95
Madison	100	104	104	100	99	100	100		93
Marion	67	107	67	80	95	85	107	.....	78
Marshall	30	120	60	90	80	110	120	100	105
Mason	82	107	103	100	100	80	.....	..	.....
Massac	100	100	100	100	.....	100	110	100	100
McDonough	50	97	90	87	87	100	100	.....	87
McHenry	59	106	100	100	63	100	100	100	87
McLean	74	108	96	76	68	.....	.....	.....	87
Menard	46	107	96	85	75	100	100	100	80
Mercer	33	106	85	100	91	.....	.....	.....	92
Monroe	102	102	95	90	92	.....	.....	.....	100
Montgomery	68	102	90	97	98	100	105	100	99
Morgan	82	104	101	100	100	90	100	.....	87
Moultrie	47	85	100	90	87	90	.....	.....	93
Ogle	44	104	96	95	87	100	99	100	93
Peoria	50	97	92	76	85	.....	.. ..	.....	88
Perry	87	90	100	91	100	75	100	55	96
Piatt	37	100	97	100	90	100	100	100	100
Pike	60	103	100	100	100	100	.....	100	93
Pope	117	100	102	92	77	95	110	100	75
Pulaski	100	102	86	92	100	100	80	88	110
Putnam	50	101	95	83	85	95	.....	.....	92
Randolph	87	100	83	92	100	100	100	.....	85
Richland	59	102	85	100	90	100	97	.....	98
Rock Island	30	104	90	87	67	100	100	100	91
Saline	100	100	100	100	100	100	95	90	90
Sangamon	82	105	100	95	95	95	100	.....	95
Schuyler	50	105	102	60	72	100	100	100	100
Scott	57	100	90	93	87	.....	.....	.....	90
Shelby	67	108	107	93	89	87	77	100	93
Stark	84	102	100	103	98	99	101	95	89
St. Clair	94	95	100	100	90	.....	...	.....	95
Stephenson	56	99	95	77	73	100	100	100	80
Tazewell	43	109	97	93	73	100	100	80	86
Union	90	72	87	80	.....	...	... .	.....	80
Vermilion	.....	125	100	100	100	100	100	.....	90
Wabash	97	97	107	100	97	80	80	.....	91
Warren	74	109	99	91	96	100	100	100	81
Washington	107	105	87	92	85	....	.....	.....	95
Wayne	83	110	102	97	93	95	102	100	102
White	82	85	73	82	77	.....	.....	.....	93
Whiteside	7	105	70	90	100	100	107	105	.....
Will	24	80	75	78	77	98	100	95	97
Williamson	80	88	97	66	50	93	102	100	102
Winnebago	25	120	107	67	73	102	92	100	100
Woodford	44	93	93	92	92	90	100	95	97

Summary of Meteorological Observations for the Month of June, 1885, made to the Department of Argriculture, July 1, 1885. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.

STATIONS.	Elevation above sea level	BAROMETER.			THERMOMETER.			HUMIDITY.	*WIND.		RAIN.			Depth of snow, in inches, on ground at close of month	Total snowfall, in inches, during the month
		Highest barometer during month	Lowest	Mean	Highest temperature	Lowest	Mean	Mean	Prevailing	Maximum velocity or force	Total rainfall or melted snow	No. of days on which 0.01 or more rain or melted snow fell	No. of days on which cloudiness averaged 8 or more on a scale of ten		
	Feet.	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inches	No.	No.	Inches	Inches
NORTHERN DIVISION.															
County. *Post Office.*															
McHenry.....Marengo.....	925	.....	.....	.....	85.70	41.70	64.70	.....	S W.	4	5.80	11	7	.....	.....
Cook .....Chicago.....	661	30.722	29.577	30.001	87.70	42.10	65.40	70.80	E.	4	5.20	11	6	.....	.....
Kane.....Aurora.....	676	30.220	29.630	29.970	90.00	44.00	68.49	74.00	W.	5	5.07	11	6	.....	.....
De Kalb.....Sycamore.....	800	.....	.....	.....	87.00	46.00	65.49	.....	.....	3	7.04	10	5	.....	.....
Lee..... Prairieville.....	725	30.200	29.630	29.934	90.00	49.80	69.80	76.90	S.	4	4.92	8	12	.....	.....
Rock Island....Davenport, (Ia.)	.....	30.290	29.588	29.986	87.20	45.70	68.20	71.30	S.	5	2.08	12	6	.....	.....
Will.. .....Wilton Centre..	600	30.220	29.590	29.940	93.00	36.00	67.00	.....	S.	5	1.45	7	6	.....	.....
Knox.....Oneida.....	.....	.....	.....	.....	92.00	45.00	69.93	.....	S W.	.....	3.40	9	10	.....	.....
Henderson..... Oquawka.....	.....	.....	.....	.....	87.00	50.00	68.83	.....	S W.	.....	3.03	7	16	.....	.....
Peoria .....Peoria.....	490	29.868	29.252	29.607	95.00	48.00	73.20	67.00	S.	5	4.07	10	4	.....	.....
Iroquois.....Watseka.....	644	.....	.....	29.299	92.00	38.00	69.45	.....	N W.	.....	3.10	8	.....	.....	.....
Sums.....	.....	.....	.....	208 737	.....	.....	750.49	360.00	.....	35	45.16	104	78	.....	.....
Means.....	.....	.....	.....	29.819	.....	.....	68.23	72.00	.....	4	4.10	9	8	.....	.....
CENTRAL DIVISION.															
Hancock.....Keokuk, (Ia.)...	.....	30.261	29.630	29.988	88.80	48.90	70.10	75.00	S.	5	6.97	14	3	.....	
Sangamon.....Springfield.....	644	30.219	29.629	29.978	88.30	50.00	71.00	66.60	S.	5	4.18	12	9	.....	
Champaign.....Philo.....	765	30.230	29.670	30.670	86.00	43.00	69.40	.....	S E.	.....	5.12	9	1	.....	.....
Piatt .....Atwood.....	.....	.....	.....	.....	84.00	40.00	69.94	.....	.....	.....	.....	.....	.....	.....	.....

Douglas	Hugo					90 00	42.00	70.63		N W.	7	6.70	10	10	
Pike	Griggsville	625	30.350	29.750	30.060	88.00	50.00	69.70		S E.	4	4.71	11	5	
Coles	Mattoon	728				90.00	47.00	71.60		S.		6.70	12	2	
Christian	Pana	760				90.00	51.00	68.25		S E.	6	10.50	10	18	
Macoupin	Bunker Hill					92.00	41.00	71.15				8.22	8		
Sums					120.096			631.77	141.60		27	53.10	86	48	
Means					30.024			70.20	70.80		5	7.64	11	7	
SOUTHERN DIVISION.															
Crawford	Palestine					90.00	55 00	71.85		S E.	3	3.40	10	1	
Fayette	Vandalia		30.260	29.660	30.020	93.00	60.00	74.60		N.					
Bond	Greenville					95.00	62.00	74.60		S E.		5.06	9	8	
Clinton	Carlyle					87.00	50.00					5.29	9		
Madison	Collinsville					91 00	51.00	72.06				7.42	7		
Marion	Centralia	492				96.00	48.00	74.90		S E.	4	9 30	8	14	
St. Clair	St Louis, (Mo.)		30.239	29.683	30.010	92.00	52.10	73.50	74.50	S.	4	7.68	12	7	
St. Clair	Mascoutah					94.00	48.00					8.10	5		
Washington	Richview	580	30.144	29.830	30.215	88.00	48.00	71.62	70.31	N W.	3				
Wayne	Fairfield					91 00	48 00			S.		4.20	8		
Hamilton	McLeansboro					96.00	45.00	73.59		N W.	6	4.83	7	11	
Williamson	Marion					93 00	56.00	77.94				6.62	8		
Union	Anna	630	30.260	29.800	30.070	92.00	49 00	76.53		N. E.	3	6.89	8		
Perry	Swanwick					89 00	52.00	72.44		S.	4	5.56	8	7	
Pope	Golconda					86.00	58 00	73.57		N E.	4	8.82	10	4	
Alexander	Cairo	377	30.213	29.776	30.036	92 00	53.20	74.50	74.20	S.	4	4.63	11	5	
Sums					150.381			961.70	219 01		35	87.80	119	57	
Means					30.076			73.99	73.00		4	6.27	8	7	
State Average					29.952			71.03	65.51		4	5.64	9	8	

*WIND—Maximum velocity or force is estimated as follows: 1 Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze, varies between 3 and 5 miles per hour 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind, varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10 Most violent hurricane, varies from 100 upwards.

Summary for June, 1885.

STATIONS.	Highest Barometer....	Date	Lowest Barometer	Date	Mean Barometer.....	Range of Barometer...	Mean Relative Humidity.....	Highest Temperature..	Date	Lowest Temperature ..	Date	Mean Temperature ....
NORTHERN DIVISION.												
County. Post Office.												
McHenry..Marengo....	.....	.	.....	....	.....	.....	.....	85.70	7th	41.70	8th	64.70
Cook.....Chieago	30.272	30th	29.577	7th	30.001	0.695	70.80	87.70	7th	42.10	8th	65.40
Kane.....Aurora.....	30.220	30th	29.630	4th	29.970	0.590	74.00	90.00	30th	44.00	8th	68.49
DeKalb. . Syeamore...	....	.....	. .	.....	.....	.....		87.00	26th	46.00	8th	65.49
Lee.....Prairieville..	30.200	30th	29.630	4th	29.934	0.570	76.90	90. 0	27th	49.80	8th	69.80
Roek Is'd.Davenp't, (Ia)	30.290	30th	29.588	7th	29.986	0.702	71.30	87.20	7th	45.70	8th	68.20
Will..... Wilton Centre	30.220	29th	29.590	4th	29.940	0.630	.....	93.00	26th	36.00	9th	67.00
Knox.....Oneida.....	.....	.....	.....	.....	.... ..	.....	.....	92.00	26th	45.00	8th	69.93
Henderson.Oquawka...	.....	.....	..	.....	.....	...	.....	87.00	26th	50.00	8th	68.83
Peoria.....Peoria	29.868	30th	29.252	4th	29.607	0.616	67.00	95.00	7th	48.00	9th	73.20
Iroquois.....Watseka.	.....	.....	.....	.....	29.299	.....	. . ..	92 00	27th	38.00	9th	69.45
Sums.....	.....	.....	.....	.....	208.737	.....	360.00	....	.....	.....	....	750.49
Means..... ...	.....	.....	....	.....	29.819	.....	72 00	.....	.....	.....	.....	68.23
CENTRAL DIVISION.												
Haneoek ..Keokuk, (Ia)	30.261	30th	29.630	7th	29.988	0.631	75.00	88.80	7th	48.90	9th	70.10
Sangamon Springfield..	30.219	18th	29.629	7th	29.878	0.590	66.60	88.30	27th	50.00	9th	71 00
Champaign.Philo	30.230	18th	29.670	7 th	30.070	0 560	.....	86.00	28th	43.00	8th	69.40
Piatt ....Atwood.....	.....	.....	.....	.....	.....	.....	.....	84.00	11th	40.00	9th	69.94
Douglas...Hugo.....	... ..	.....	.....	.....	..... .	...	.....	90.00	27th	42 00	9th	70.63
Pike.....Griggsville..	30.350	30th	29.750	7th	30.060	0.600	.....	88.00	27th	50 00	9th	69.70
Coles.....Mattoon....	.....	.....	.....	.....	.....	.....	.....	90.00	27th	47.00	9th	71.60
Christian..Pana..... ...	.....	... .	.....	.....	..... .	.....	.... .	90.00	7th	51.00	9th	68.25
Maeoupin Bunker Hill.	.....	. ...	....	.....	.....	....	.....	92.00	27th	41.00	9th	71 15
Sums.....	.....	... .	.....	.....	120.096	... ..	141.60	.....	... .	.....	..	631.77
Means	.....	. . .	.....	.....	30.024	.....	70.80	.....	.....	.....	. ...	70.20
SOUTHERN DIVISION.												
Crawford..Palestine ...	.....	.....	.....	.....	.....	.	.....	90.00	4th	55.00	8th	71.85
Fayette. ..Vandalia. ..	30.260	30th	29.660	4th	30.020	0.600	.....	93.00	28th	60.00	8th	74.60
Bond.....Greenville ..	.....	.....	.....	.....	.....	.....	.....	95.00	26th	62.00	9th	74.60
Clinton. ..Carlyle.....	.....	....	.....	.....	.....	.....	.....	87.00	7th	50 00	9th	.....
Madison ..Collinsville..	.....	.....	.....	.....	.....	.....	.....	91.00	4th	51.00	30th	72.06
Marion....Centralia. ..	.....	....	.....	.....	.....	.....	....	96.00	3d	48.00	9th	74.90
St.Clair..St.Louis, (Mo.)	30.239	18th	29.862	4th	30.010	0.557	74.50	92.00	7th	52.10	9th	73.50
St. Clair ..Maseoutah..	... ..	.....	..	.....	...	..	.	94 00	26th	48.00	9th	.....
Wash'ton..Riehview ...	30.144	23d	29.830	21st	30.245	0.314	70.31	88.00	28th	48.00	29th	71.62
Wayne....Fairfield	.....	.....	.....	....	.....	.....	.....	91.00	7th	48.00	9th	...
Hamilton..MeL'nsboro.	.....	.....	.....	.....	.....	.....	.....	95.00	... .	45.00	.....	73.59
Willi'm'sn..Marion.....	.....	.....	.....	.....	.....	.....	.....	93.00	7th	56.00	9th	77.94
Union.....Anna.....	30.260	18th	29.800	5th	30.070	0.460	.....	92.00	.	49 00	.....	76.53
Perry..... Swanwick...	.....	.....	. ....	.....	.....	.....	.....	89.00	6th	52.00	9th	72.44
Pope..... Golconda..	.....	.....	.....	.....	.....	.....	.....	86.00	25th	58.00	30th	73.57
Alexander Cairo.....	30.213	18th	29.776	7th	30.036	0.437	74.20	92.00	7th	53.20	9th	74.50
Sums	.....	....	.....	.....	150.381	.....	219 01	.....	.....	.....	....	961.70
Means..... . .	. .	....	.....	.....	30.076	....	73.00	.....	....	.....	...	73.99
State Average.....	.....	.....	.....	.....	29 952	.....	65.51	.....	.....	.....	. .	71.03

Summary for June, 1885.—Continued.

STATIONS.	Range of Temperature	Greatest Daily Range of Temperature.....	Date	Least Daily Range of Temperature.....	Date	Mean Daily Range of Temperature.	Number of Clear Days.	Number of Fair Days..	Number of Cloudy D'ys	Days on which rain fell.	Total Rainfall for Month.....	Average Daily Rainfall.....	Direction of Wind.....
NORTHERN DIVISION.													
County. *Post Office.*													
McHenry....Marengo.....	44.00	22.90	7th	7.20	3d	14.09	10	13	7	11	5.80	.193	SW
Cook .....Chicago	45.60	29.30	6th	5.00	5th	16.40	9	15	6	11	5.20	.173	E
Kane.....Aurora..	46.00	29.00	11th	13.00	15th	20.77	15	10	5	11	5.07	.169	W
DeKalb.....Sycamore.. ..	41.00	22 50	18th	4.00	27th	16.75	11	14	5	10	7.04	.235	NW
Lee..... Prairieville ..	40.20	19.00	1st	2.00	14th	14.28	8	10	12	8	4.92	.164	S
RockIsl'd.D'v'np't, (Ia.)..	41 50	25.50	7th	7.60	14th	18.20	6	18	6	12	2.08	.069	S
Will. .....Wilton Center.	57.00	46.00	9th	14.00	21st	29.80	24	13	3	7	1.45	.048	S
Knox..... Oneida..... ..	47.00	22.00	21st	4.00	14th	14.83	12	8	10	9	3.40	.113	SW
Henderson..Oquawka	37.60	20.00	8th	5.00	19th	13.70	12	5	13	7	3.03	.101	SW
Peoria .....Peoria. ..	47.00	.....					..	....	...	10	4.07	.136	S
Iroquois.....Watseka	54.00	38.00	9th	14.00	21st	24.97	..	....	...	8	3.10	.103	NW
Sums.....	.....	.....	....	.....	.....	182.79	97	106	67	104	45.16	1.504	.....
Means.....	.....	.....	....	.....	.....	18.28	11	12	7	9	4.10	.137	.....
CENTRAL DIVISION.													
Hancock...Keokuk (Ia)...	39.90	24.60	11th	9.00	14th	17.50	5	22	3	14	6.97	232	SW
Sangamon..Springfield ..	38.30	25.00	11th	11.70	23d	17.80	5	16	9	12	4.18	.139	S
Champaign.Philo..... ..	43.00	24.00	8th	4 00	16th	13.87	3	27	...	9	5.12	.171	SE
Piatt.....Atwood.....	44.00			.....	..	...	14	1	15	...	....	.....	.....
Douglas.....Hugo.....	48.00	34.00	9th	8.00	23d	15.90	9	10	11	10	6.70	.223	NW
Pike ... ...Griggsville ...	58.00	23.00	10th	4.00	14th	15.00	6	15	9	11	4.71	.157	SE
Coles.....Mattoon.	43.00	... ..		..	.....		..	....	...	12	6.70	.223	S
Christian....Pana..	39.00	23.00	5th	3.00	21st	14.60	14	2	14	10	10.50	.350	SE
Macoupin.Bunker Hill.....	51.00	34.00	10th	20.00	16th	26.23	..	....	...	8	8.22	.274	.....
Sums.....	.....	....	. ..	.....	.....	120 90	56	93	61	86	53.10	1.769	.....
Means.....	.....	.....	....	.....	.....	17.27	8	13	10	11	6.64	.221	.....
SOUTHERN DIVISION.													
Crawford...Palestine... ..	35.00	24.00	8th	8.00	22d	13.05	10	18	2	10	3.40	.113	SE
Fayette....Vandalia..... ..	33.00	18.00	26th	10.00	22d	13.83	..	24	6	...	.....	.....	N
Bond.... ...Greenville. ..	33.00	28.00	9th	5.00	21st	14.32	..	....	...	9	5.06	.169	SE
Clinton.....Carlyle	37.00	21.00	10th	8.00	23d	13.80	..	...	...	8	5.29	.176	.....
Madison ..Collinsville	40.00	27.00	1st	12 00	22d	19.30	..	....	..	7	7.42	.247	.....
Marion..... Centralia . ..	48.00	31.00	40th	10.00	21st	17.90	11	5	14	8	9.30	.310	SE
St. Clair..St.Louis (Mo).. ..	39.90	24.20	.	9.70	..	15.90	3	20	7	12	7.68	.256	S
St. Clair ....Mascoutah...	46.00	32.00	9th	2.00	20th	16.20	..	...	...	5	8.10	.270	.....
Washington.Richview...	40 00	21.00	30th	10.60	22d	14.67	..	....	...	...	....	.....	.....
Wayne ..... Fairfield. . ..	43.00	25.00	1st	2.00	8th	16.03	5	12	13	8	4.20	.140	S
Hamilton M'Leansboro....	51.00	34.00	1st	4.00	30th	22.80	..	19	11	7	4.83	.161	NW
Williamson..Marion	37.00	20.00	8th	3.00	26th	9.63	4	22	4	8	6.62	.221	.....
Union.....Anna	43.00	....	....	.....	..	...	..	....	...	8	6.89	.226	NE
Perry..... Swanwick....	37.00	20.00	9th	1.00	18th	12.17	..	...	...	8	5.56	.185	S
Pope.....Golconda ...	28.00	18.00	14th	5.00	26th	11.33	..	....	...	10	8.82	.294	NE
Alexander..Cairo..... ..	38.80	24.60	8th	7.80	12th	15.80	..	..	...	11	4 63	.154	S
Sums	.....	.....	....	.....	.....	228.74	33	120	57	119	87.80	2.922	... .
Means.....	. ....	.....	....	.....	.....	15.25	6	17	8	8	6.27	.209	.....
State Average	.....	.....	. .	.....	.....	16.64	9	14	8	9	5.63	.187	.....

Distribution and Amount of Precipitation for June 1885, Reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry.....Marengo	...	2.39	....	.03	..	.06	.49	...	...	..	....	...	....	.05	.10	....	...	...	....	1.86	.52	...	...	...	....	.29	....	.01	...	...	...	5.80
Cook.....Chicago	...	.54	2.90	.21	.03	...	.16	.04	...	...	....	...	.02	....	.15	....	...	...	---	.59	.40	...	...	...	....	....	.16	...	...	...	...	5.20
Kane.....Aurora	...	1 02	1.30	.34	...	...	.72	.03	..	...	...	....	.02	....	.04	....	...	...	.35	.87	.34	...	...	...	....	....	.06	...	...	...	...	5.07
DeKalb.....Sycamore	...	2.50	....	.02	...	.02	1.00	...	...	...	....	...	.20	.15	.50	..	...	...	2.20	....	.40	...	...	...	....	....	.05	..	.	.	...	7.04
Lee.....Prairieville	...	.75	....	....	...	...	.50	...	..	...	....	.10	.	18	.06	....	...	...	2.12	...	.81	...	...	...	....	....	.40	.30	...	...	...	4.92
Rock Island..Davenport (Ia)	.05	.09	.01	.18	..	.01	.24	...	...	...	.. .	.10	.20	.26	.15	..	...	...	.53	..	.26	...	..	...	....	....	....	...	...	...	...	2.08
Will.....Wilton Centre	...	.10	--	...	.28	...		.15	...	...	....	....	.13	....		....	..	...	-	.81	.25	.23	...	...	. ..	....	....	...	. ..	...	...	1.45
Knox.....Oneida	.06	.	...	.25	.	.15	.25	...	...	...	....	....	.50	.50	.45	....	...	...	.90	...	.34	...	...	...	....	....	-	...	...	...	...	3.40
Henderson...Oquawka	.10	1.50	..	...	...	...	.87	...	...	...	....	.12	...	....		...	..	...	.25	....	....	...	...	...	....	....	.07	...	...	...	...	3.03
Peoria.....Peoria	.07	.03	.12	.72	...	...	.35	...	...	...	.. .	.55	....	.28	.10	....	...	...	.72	....	.95	...	...	...	....	....	....	...	...	...	...	4.07
Iroquois.....Watseka	..	...	01	1.06	..	...	.02	...	...	...	....	....	.07	.....	.04	....	...	...	--	.47	1 04	...	...	...	....	. .	.39	...	...	...	..	3.10
Sums	.28	8.92	4 34	2.81	.31	.24	4.60	.22	...	...	....	.87	1.14	1.42	1.59	...	...	...	7.07	4.60	5.31	.23	...	...	....	.29	1.13	.31	...	...	...	45.16
Means	.07	.99	.87	.35	.15	.06	.46	.07	...	. .	...	.22	.16	.24	.18	...	...	...	1.01	.92	.53	.23	...	...	.. .	.29	.19	.15	...	...	...	4.10
CENTRAL DIVISION.																																
Hancock.....Keokuk (Ia.)	.07	.21	.02	91	...	...	.54	.02	...	. .	....	.12	2.05	.33	.30	..	...	. .	.21	...	1.37	...	.03	...	. .	...	.79	...	...	...	...	6.97
Sangamon....Springfield	...	....	.12	.02	...	...	....	.08	...	...	.18	....	.66	.30	.70	.16	..	...	.39	.10	1.46	...	...	...	....	....	....	.01	...	..	...	4.18
Champaign..Philo	...	....	...	.12	...	...	.50	...	...	...	.50	....	...	1.60	.30	....	...	...	...	.50	1.30	...	...	...	....	...	.20	.10	...	. .	..	5.12
Douglas.....Hugo	...	....	.38	.50	...	...	.20	...	...	...	54	...	.32	2.06	1.50	....	...	...	....	.25	.70	...	...	...	....	....	.25	...	...	...	...	6.70
Pike.....Griggsville	...	...	....	.06	...	..	.23	...	...	...	.11	.93	.05	68	.53	....	..	...	.60	-	1.21	...	.10	...	...	....	.21	...	...	...	...	4 71
Coles.....Mattoon	...	....	.10	.12	...	...	....	...	.32	...	1.32	. 02	.31	1.03	1.13	.65	...	...	...	.42	.74	.17	...	.	....	.25	.	...	...	...	...	6.70
Christian..Pana	...	....	.08	....	.12	..	....	.09	...	...	.08	....	.25	3.50	2.00	...	...	...	1.00	....	2.25	...	...	...	....	1.00	.25	...	...	...	...	10 50
Macoupin...Bunker Hill	...	.	..	.38	...	...	....	.22	...	...	...	....	.80	2.20	1.14	....	...	...	....	3.13	16	...	...	...	.19	..	....	...	...	...	...	8.22
Sums	.07	.21	.70	2.11	.12	...	1.47	.41	.32	..	2 73	1 07	4.44	11.70	7.60	.81	...	...	2.20	4.40	9.19	.17	.13	...	.19	1 25	1.70	.11	..	...	...	53.10
Means	.07	.21	.14	.30	.12	...	.36	.10	.32	...	.45	.36	.63	1.46	.95	.40	...	...	.55	.88	1.15	.17	.06	...	.19	.62	.34	.05	...	...	...	6.64

SOUTHERN DIVISON.																															
Crawford .....Palestine	...	....	....	....	...	...	....	....	...	...	.38	....	.33	.12	.92	1.22	..	...	. .	.05	.22	...	..	...	....	.10	....	...	...	....	..	3.40
Bond... .....Greenville	. .	....	.01	.05	...	...	....	.02	...	.20	....	....	....	.75	1.25	....	..	...	2.00	....	.55	...	.05	...	.12	....	.12	...	...	....	..	5.06
Clinton .....Carlyle.....	...	...	....	....	...	...	....	....	...	...	.24	.17	.33	.90	.65	....	..	...	....	1.99	.34	...	..	...	.67	...	....	...	.	....	..	5.29
Madison .. ...Collinsville.....	...	....	....	...	...	...	...	....	...	...	.35	....	.96	.34	1.08	....	..	.	....	3.35	.22	...	..	...	1.12	..	....	..	.	....	..	7.42
Marion ..... Centralia	...	....	....	....	...	...	....	..	...	...	.75	....	.60	2.15	1.05	....	..	...	....	3.00	.20	...	...	...	85	.70	....	...	...	....	..	9.30
St. Clair .....St. Louis (Mo.)..	...	....	....	....	...	...	....	....	...	...	.11	.01	.89	.79	1.27	.31	..	...	.46	2.66	.20	...	...	...	.92	.05	.01	...	...	....	..	7.68
St. Clair.....Mascoutah.	...	....	....	....	...	..	...	....	...	...	...	..	1.30	....	1 00	....	..	...	....	5.10	.10	...	...	...	.61	....	....	...	...	....	..	8.10
Wayne..... Fairfield	...	....	...	....	...	...	....	....	...	...	....	.19	.25	.88	1.13	....	..	...	.13	1.25	.25	. .	...	...	.12	...	....	...	...	....	..	4.20
Hamilton.....McLeansboro...	...	....	.	....	...	...	...	....	...	...	....	.09	22	....	1.54	...	..	...	....	2.04	.16	...	...	...	.61	.17	....	...	...	....	..	4.83
Williamson ..Marion.....	...	....	....	..	...	...	....	....	...	...	.15	.25	.60	.....	2.85	....	..	...	...	1.07	.15	...	...	...	1.30	.25	....	...	.	....	..	6.62
Union.....Anna	...	....	..	....	...	...	....	....	...	...	....	.90	....	1.39	1.72	1.96	..	...	....	.08	.64	...	...	...	.15	.05	...	...	...	. .	..	6.89
Perry ... . Swanwick... ..	...	....	.22	....	...	...	....	....	...	...	.09	..	.65	.....	1.28	..	..	...	..	2.38	.27	...	...	...	.18	.49	...	...	...	....	..	5.56
Pope ..... Golconda	...	....	....	....	...	...	....	. .	...	...	....	1.92	.94	2.33	....	1.22	..	...	....	.20	.39	...	...	...	1.04	.78	...	...	.	....	..	8.82
Alexander ...Cairo..... ..	...	....	....	....	...	...	. .	....	...	...	.26	1.43	.34	.53	.18	.81	..	. .	....	.14	.87	...	...	...	.01	.05	.01	...	...	....	..	4.63
Sums	...	...	.23	.05	...	...	..	.02	...	.20	2.33	4.96	7.41	10.18	15.92	5.52	.	...	2.59	23 31	4.56	...	.05	...	7.69	2.64	.14	...	...	...	..	87.80
Means	...	....	.11	.05	...	...	....	.02	...	.20	.29	.62	.62	1.02	1.22	1.10	..	...	.86	1.79	.32	...	.05	...	.59	.29	.05	...	...	...	..	6.27
State Average	.07	.91	.44	.21	.14	.06	.43	.08	.32	.20	.36	.46	.50	.97	.81	.90	.	...	.85	1.40	.59	.20	.06	...	.56	.38	.21	.10	...	...	..	5.64

Daily Mean Temperature for June, 1885, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	TEMPERATURE, IN DEGREES, ON EACH DAY OF THE MONTH.																														Mean
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	..	
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry.....Marengo.....	64	68	66	63	62	70	70	49	57	61	70	73	72	72	66	58	62	67	68	70	61	54	61	64	72	73	73	64	55	59	...	65
Cook..... .... Chicago.....	58	67	60	63	53	69	75	47	57	61	68	73	76	75	74	61	66	71	73	70	65	55	61	64	72	75	74	63	55	58	...	65
Kane.....Aurora.....	68	76	68	67	64	74	77	51	59	65	73	75	77	77	72	63	64	72	74	74	67	58	63	66	75	80	71	68	59	61	...	68
DeKalb..... .....Sycamore.....	62	69	67	65	63	73	71	50	57	63	71	75	71	73	67	59	61	66	69	71	63	54	60	67	72	76	66	70	56	56	...	65
Lee..... .....Prairieville..... . ..	70	72	71	69	67	75	77	54	61	67	75	78	75	74	67	63	66	69	69	75	67	60	61	71	73	78	77	74	63	64	...	70
Rock Island..... Davenport, (Ia.).....	69	69	70	68	68	74	75	52	60	65	73	75	74	69	65	62	66	69	68	74	66	58	63	68	74	78	74	72	64	65	..	68
Will.....Wilton Centre....	68	74	68	66	62	74	78	48	61	65	71	73	73	75	74	61	61	65	72	73	66	55	62	66	75	77	69	61	55	57	...	67
Knox..... ...Oneida.....	69	75	74	69	71	76	76	50	62	68	75	74	74	71	66	60	67	70	71	76	66	61	65	70	75	80	78	75	62	67	...	70
Henderson..... ....Oquawka	67	72	70	70	72	75	73	52	62	65	73	72	73	75	68	63	64	69	69	76	66	60	64	66	73	77	73	74	54	60	...	69
Sums	595	642	614	600	582	660	672	453	536	580	649	668	665	661	619	550	577	618	633	659	587	515	560	602	661	694	655	621	533	547	...	607
Means.....	69	71	68	67	62	73	75	50	59	64	72	74	74	73	69	61	64	69	70	73	65	57	62	67	73	77	73	69	59	61	...	67
CENTRAL DIVISION.																																
Hancock..... Keokuk, (Ia.).....	70	76	73	73	71	77	77	59	59	65	73	72	76	70	67	63	67	70	69	76	68	62	63	68	74	78	76	74	68	66	....	70
Sangamon.....Springfield.....	70	75	77	77	71	76	79	61	60	66	73	73	73	73	79	65	67	69	70	76	70	62	65	71	75	76	77	77	65	64	...	71
Champaign .....Philo	67	75	77	76	69	74	77	56	58	67	72	73	75	77	69	63	67	66	70	75	68	58	64	70	73	75	75	75	60	62	...	69
Piatt..... .....Atwood..... ...	69	75	79	77	69	76	82	61	55	63	81	73	74	75	69	65	64	67	69	74	71	60	59	70	73	77	73	74	63	60		70
Douglas.....Hugo.....	69	79	78	77	71	77	80	57	59	65	72	73	75	77	70	65	68	73	75	71	61	65	71	75	74	75	74	62	60	63	.	71
Pike.....Griggsville	70	73	75	74	72	76	79	57	57	65	71	74	74	69	70	61	64	67	69	76	68	61	61	69	76	76	78	75	67	62	...	70
Coles..... .....Mattoon.....	70	76	79	77	72	76	79	58	56	65	72	74	78	74	67	65	67	67	75	77	72	62	65	72	76	76	79	76	66	62	...	72
Christian.....Pana.....	69	77	78	71	74	78	81	60	59	68	73	74	77	74	72	66	66	70	74	78	70	63	63	74	76	75	76	77	65	64	...	68
Sums	554	606	616	602	569	610	634	469	463	524	587	586	602	589	563	514	510	549	571	603	548	493	511	569	597	608	608	590	514	503	...	561
Means..... ..	69	76	77	75	71	76	79	59	58	65	73	73	75	74	70	64	64	69	71	75	68	62	62	76	75	71	76	74	64	63	...	70

SOUTHERN DIVISION.

Crawford	Palestine	70	75	79	82	71	77	78	65	63	64	74	76	79	79	70	66	68	70	73	74	72	64	65	70	74	76	75	80	69	64	...	72
Fayette	Vandalia	76	78	79	81	77	79	83	64	67	70	72	74	76	76	74	70	70	71	75	79	75	67	68	74	78	75	81	82	72	69	...	75
Bond	Greenville	73	79	79	82	77	81	82	63	62	73	78	75	74	81	74	69	69	72	71	69	73	66	69	75	78	78	80	82	70	72	...	75
Marion	Centralia	72	79	80	83	78	80	88	67	59	72	76	73	78	76	74	74	64	74	78	78	74	64	67	76	79	77	80	80	72	64	...	75
St. Clair	St. Louis, (Mo.)	76	79	78	83	75	81	84	64	61	71	74	73	75	77	...	67	68	71	75	78	73	64	66	71	75	77	79	79	69	66	...	73
Washington	Richview	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	76	65	64	70	74	74	78	81	70	63	...	72
Hamilton	McLeansboro	73	75	75	82	77	81	82	68	62	69	74	73	78	80	74	70	67	67	72	78	76	67	67	72	74	77	78	77	69	70	...	73
Williamson	Marion	77	81	82	83	82	84	87	75	69	75	79	75	79	83	74	75	72	72	78	79	80	70	71	79	79	78	81	85	76	73	..	78
Union	Anna	73	73	80	83	81	83	84	73	65	73	72	79	76	78	70	69	65	69	75	76	75	66	67	72	78	75	79	80	73	64	...	76
Perry	Swanwick	73	76	76	78	73	78	79	67	...	70	72	70	72	78	70	68	...	69	74	76	70	64	65	72	...	74	79	97	68	64	...	72
Pope	Golconda	...	.	...	...	...	...	...	...	...	...	...	...	76	76	73	71	68	72	77	76	75	67	69	73	79	74	79	80	72	65	...	73
Alexander	Cairo	..	...	...	...	...	82	84	78	65	72	75	69	76	77	78	71	70	71	77	78	76	68	68	72	77	77	78	81	75	68	...	74
Sums		663	695	708	737	691	806	831	684	573	709	706	728	839	861	731	770	681	778	825	841	895	792	806	876	845	912	947	961	855	802	...	888
Means		74	77	79	82	77	81	83	68	64	71	71	73	76	78	73	70	68	71	75	76	74	66	67	73	77	76	79	80	71	67	..	74
State Average		70	75	74	74	71	77	79	59	60	67	72	73	75	75	71	65	65	69	72	71	70	62	65	70	75	76	67	75	65	64	...	71

Comparison of the Precipitation and Mean Temperature for June, 1885, with the Corresponding Month of Former Years.

STATION.	PRECIPITATION.				MEAN TEMPERATURE.			
	Average Precipitation for June.	Number of Years...	Precipitation for June, 1885...	*Difference.....	Average Temperature for June ...	Number of Years..	Mean Temperature for June, 1885.....	*Difference.. .....
NORTHERN DIVISION.								
County. *Post Office.*								
McHenry .....Marengo.....	4.11	24	5.80	+1.69	66.30	24	64.70	—1.60
Cook .....Chicago	4.25	14	5.20	+0.95	66.28	14	65.40	—0.88
Kane .. ..Aurora	3.60	3	5.07	+1.47	68.99	3	68.49	—0.50
DeKalb..... ..Sycamore	7.34	5	7.04	—0.30	64.12	15	65.49	—1.37
Lee..... .. Prairieville. ..	5.33	5	4.92	—0.41	67.89	5	69.80	+1.91
Rock Island ... Davenport (Ia)	4.88	14	2.08	—2.80	70.29	14	68.20	—2.09
Will .....Wilton Centre.	1.45	1	1.45	.....	67.00	1	67.00	.....
Knox .. ..Oneida.....	3.40	1	3.40	.....	69.93	1	69.93	... .
Henderson .....Oquawka	3.03	1	3.03	.. . .	68.83	1	68.83	.....
Peoria... .....Peoria	4.05	30	4.07	+0.02	73.40	30	73.20	—0.20
Iroquois. .....Watseka	3.10	1	3.10	.....	69.45	1	69.45	.....
CENTRAL DIVISION.								
Hancock.....Keokuk, (Ia.)..	8.35	14	6.97	—1.38	72.31	14	70.10	—2.21
Sangamon .....Springfield....	6.49	6	4.18	—2.31	71.42	6	71 00	—0.42
Champaign.... .Philo.....	5.12	1	5.12	....	69.40	1	69.40	.....
Piatt.....Atwood.....	....	.....	.....	.....	69.94	1	69.94	.....
Douglas .....Hugo	6.70	1	6.70	... . ..	70.63	1	70.63	.....
Pike .....Griggsville ...	6.69	4	4.71	—1.98	70.87	4	69.70	—1.17
Coles.. .....Mattoon.....	5.32	6	6.70	+1.38	72.47	6	71.60	—0.87
Christian... ... Pana	5.38	3	10.50	+5.12	70.00	3	68.25	—1.75
Macoupin... ...Bunker Hill. .	6.09	2	8.22	+2.13	71.05	2	71.15	+0.10
SOUTHERN DIVISION.								
Crawford.....Palestine.....	4.21	3	3.40	—0.81	72.91	3	71.85	—1.06
Fayette..... ..Vandalia	...	.....	.....	.... ..	74.60	1	74.60	....
Bond ..... Greenville	6.60	2	5.06	—1.54	74.26	2	74.60	+0 34
Clinton.....Carlyle..	5.29	1	5.29	.....	.....	.....	.....	.....
Madison .. ..Collinsville....	5.48	.....	7.42	+1.94	74.06	.....	72.06	—2.00
Marion.....Centralia.....	9.30	1	9.30	.. ...	74.90	1	74.90	.....
St. Clair ..... .St. Louis, (Mo).	4.99	15	7.68	+2.69	74.43	15	73.50	—0.93
St. Clair... .... Mascoutah...	8 10	1	8.10	.....	.....	.....	.....	.....
Wayne .....Fairfield.. ...	4.20	1	4.20	.....	.....	.....	.....	... .
Hamilton .....McLeansboro.	5.79	4	4.83	—0.96	73.52	4	73.59	+0.07
Williamson.....Marion	6.61	1	6.62	.....	77.94	1	77.94	.....
Union.....Anna.....	6.17	10	6.89	+0.72	74.62	10	76.53	+1.91
Perry .... Swanwick.....	5.87	3	5.56	—0.31	71.98	3	72.44	+0.46
Pope.....Golconda.....	5.74	7	8.82	+3 08	74.46	7	73.57	—0.89
Alexander..... Cairo.....	4.53	14	4.63	+0.10	75.56	14	74.50	—1.06

* In the columns marked difference, the + sign denotes an excess, and the — sign a deficiency for May, 1885. The precipitation is expressed in inches, the temperature in degrees, Fahrenheit.

Table of Comparison for June 1881, 1882, 1883, 1884 and 1885.

	1881.	1882.	1883.	1884.	1885.
Highest barometer	30.180 inches	30.205 inches	30.290 inches	30.420 inches	30.290 inches.
Lowest "	28.800 "	29.000 "	29.100 "	29.210 "	29.252 "
Mean "	29.642 "	29.673 "	29.751 "	29.952 "	29.952 "
Range of "	1.380 "	1.205 "	1.190 "	1.210 "	1.038 "
Mean relative humidity.	74.80 per cent	76. per cent	75.25 per cent	77.61 per cent	65.51 per cent.
Highest temperature	99°.	98°.	95°.	98°.	96°.
Lowest "	39°.	39°.	40°.	45°.	36°.
Mean "	70°.53	71°.12	69°.40.	71°.08	71°.03.
Range of "	60°.	59°.	55°.	53°.	60°.
Greatest daily range of temp.	35°.	25°.		39°.	46°.
Least " "	3°.	10°.		1°.	1°.
Mean " "	14°.92	16°.		15°.23	16°.64.
Average number of clear days	5.	10.		9.	9.
Average number of fair days	17.	15.		12.	14.
Average number of cloudy days	8.	5		9.	8.
Number of days on which rain fell.	15.	14.	12.	11.	9.
Greatest rainfall	11.82 inches, at Monmouth.	16.50 inches at Prairie City.	9.13 inches at McLeansboro.	9.35 in. at Petersburg.	10.50 in. at Pana
Least rainfall	1.81 inches, at Cairo.	3.75 in. at Grayville.	3.15 inches at Pana.	2.11 in. at Chicago.	1.45 in. at Wilton Cen'r
Mean rainfall	6.84 "	7.87 inches.	5.73 inches.	5.04 inches.	5.64 inches
Average daily rainfall	.228 "	.262 "	.191 inches.	.168 inches.	.187 "
Prevailing direction of wind	S. W	S. W.	S. W.	S. E.	S. E

STATE SUMMARY FOR JUNE, 1885.

Highest barometer, 30.290 inches, at Davenport, (Ia). Lowest barometer, 29.252 inches, at Peoria. Mean barometer, 29.952 inches. Range of barometer, 1.038 inches. Mean relative humidity, 65.51 per cent. Highest temperature, 96°, at Centralia and McLeansboro. Lowest temperature 36° at Wilton Center. Mean temperature, 71°.03. Range of temperature. 60°. Greatest daily range of temperature, 46°, at Wilton Centre. Least daily range of temperature, 1°, at Swanwick. Mean daily range of temperature, 16°.64. Average number of clear days, 9. Average number of fair days, 14. Average number of cloudy days, 8 Average number of days on which rain fell, 9. Greatest number of days on which rain fell, 12, at Davenport, (Ia)., Springfield, Mattoon and St. Louis, (Mo). Least number of days on which rain fell, 5, at Museutah. Greatest rain fall, 10.50 inches at Pana. Least rain-fall, 1.45 inches, at Wilton Center. Mean rain-fall, 5.64 inches. Average daily rain-fall, 0.187 inches. Prevailing direction of wind, N. W.

1853. 1885.

THIRTY-THIRD ANNUAL

ILLINOIS STATE FAIR

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DRIVING PARK, WEST MADISON STREET.

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AMERICAN FAT STOCK AND DAIRY SHOW—At Chicago November 10, 1885

STATISTICAL REPORT

— OF THE —

Illinois State Board of Agriculture,

— FOR —

AUGUST, 1885.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS, AS TO THE CONDITION OF THE CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

TOGETHER WITH

METEOROLOGICAL RECORD FOR JULY, 1885,

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

CHARLES F. MILLS, SECRETARY,
SPRINGFIELD.

CIRCULAR 125.

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1885.

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ORGANIZATION FOR 1885-86.

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ILLINOIS CROP REPORT,

—FOR—

AUGUST, 1885.

Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Meteorological Record, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, August 1, 1885.

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of August.

The correspondents of the Department are, as a rule, farmers of extended experience and deeply interested in the accuracy of the returns.

A large number of the correspondents have been reporting to this Department during the past nine years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number nearly six hundred, and are so distributed over the State as to represent each locality.

SEASON.

The monthly Weather Review published elsewhere in this report gives the Summary of Meteorological Observations compiled from the reports received at this office for the past month.

WINTER WHEAT.

The following table gives the area and yield of the wheat crop of the State for 1885. The table includes both spring and winter wheat. The area seeded to winter wheat last fall amounted to 2,317,291 acres, of which 1,314,557 acres was either winter-killed or damaged to such an extent as to make it advisable to plow it up and seed the land to other crops. The table published elsewhere in this report gives the area of winter wheat harvested in each county in the State, as well as the yield and value of the crop. Less than half the area seeded to winter wheat was cut and the 1,002.734 acres harvested returned 7,275,376 bushels of winter wheat, making the average yield about seven bushels per acre. The yield per acre of spring wheat of sixteen bushels is the largest on record, and the total yield of spring wheat in 1885 amounts to 1,023,867 bushels, making the aggregate crop of spring and winter wheat harvested in Illinois this season 8,299,243 bushels:

The following table gives the area, yield and value of the wheat crops of the State during the past twenty-six years.

WHEAT—(Spring and Winter.)

Year.	Number of acres.....	Average yield per acre—bushels.....	Bushels produced..	Price per bushel	Total value.....	Value per acre	†Cost of production per acre	Total cost of production	Profit.....	Loss.....
1860.....	2,109,471	11.3	23,837,023	$0 85	$20,261,469	$9 60	$10 55	$22,254,919	.....	$1,993,450
1861.....	2,109,471	11.4	23,837,023	71	16,924,284	8 02	10 55	22,254,919	.....	5,330,635
1862.....	2,300,994	14	32,218,500	76	24,482,262	10 64	10 55	24,275,170	$207,092	.....
1863.....	2,617,347	12	31,408,163	1 05	32,978,571	12 59	10 55	27,613,211	5,365,560	.....
1864.....	2,328,763	14.3	33,371,173	1 55	51,725,318	22 21	10 55	27,568,450	27,156,868	.....
1865.....	2,296,977	11	25,266,745	1 09	27,541,732	12 00	10 55	24,233,107	3,308,625	.....
1866....	2,196,263	13	28,551,421	1 93	55 104,243	25 09	10 55	23,170,575	31,933,668	.....
1867.....	2,456,140	11.4	28,060,000	1 97	55,560,000	22 45	10 55	25,912,177	29,247,723	.....
1868	2,483,478	11.5	28,560,000	1 20	34,272,000	13 80	10 55	26,200,692	8,071,308	.....
1869.....	2,607,142	11 2	28,200,000	76	22,192 000	8 51	10 55	27,505,348	.....	5,313,348
1870.....	2,259,538	12	27,115,000	94	25,488,100	11 28	10 55	23,838,600	1,649,500	.....
1871....	2,050,081	12.3	25,216,000	1 18	29,754,880	14 51	10 55	21,628,354	8,126,526	.....
1872.....	2,042,231	12.1	24,711,000	1 23	30,394,530	14 88	10 55	21,545,537	8,848,993	.....
1873.....	2,104,963	13.5	28,417,000	1 10	31,258,700	14 84	10 55	22,207,360	9,051,340	.....
1874.....	2,619,304	11.5	30,122,000	86	25,904,920	9 88	10 55	27,633,657	.....	1,728,737
1875.....	2,600,000	10.5	27,300,000	91	24,843,000	9 55	10 55	27,430,000	.....	2,587,000
1876.....	2,520,430	9.3	23,440,000	93	21,799,200	8 64	18 55	26,590,536	.....	4,791,336
1877.....	1,977,745	16.4	32,490,556	1 15	38,002,082	19 22	10 55	20,865,210	17,136,872	.....
1878....	2,324,755	14.6	33,883,398	80	27,059,460	11 64	10 55	24,526,165	2,533,295	.....
1879.....	2,440,808	18.¾	45,417,661	87	39,930,639	16 36	10 55	25,750,535	14,180,104	.....
1880.....	3,256,350	17.⅓	56,508,309	82	46,497,160	14 27	10 55	24,854,550	11,642,610	.....
1881.....	3,642,589	7.⅓	22,374,163	1 07	24,133,780	7 90	10 55	32,499,238	.....	8,365,458
1882.....	2,846,117	18.⅓	52,323,261	89	46,714,376	16 41	10 70	30,477,274	16,237,102	.....
1883.....	2,047,956	10	20,347,592	95	19,337,063	9 50	11 10	22,695,812	.....	3,358,749
1884.....	2,717,592	15	33,611,245	76	25,410,014	9 35	10 75	29,272,419	.....	3,862,400
1885....	1,068,364	7	8,299.243	86	7,162,292	6 70	10 65	11,358,311	.....	4,196,019

†1860–1881 estimated same as reported for 1880.

The area and yield of the 1885 wheat crop of the State is less than that of any year on record, and with few exceptions the price of wheat after harvest has not been as low as this season during the past twenty-six years.

OATS.

The 1885 oat crop of the State aggregates 114,344,387 bushels and exceeds the largest crop heretofore harvested by over ten million bushels. The area of oats harvested this season of 3,159,585 acres is the largest on record.

The average yield obtained per acre of 36 bushels has been exceeded but three times during the past twenty-six years, viz: 1877, 39 bushels; 1882, 40 bushels; 1883, 38 bushels. The value of the 1885 oat crop of the State of $28,098,984.00 has been exceeded but once, 1882, when the price after harvest averaged 41 cents per bushel.

It will be seen in the table published elsewhere in this report that over one million bushels of oats were produced this season in nearly half the counties in the State.

The following table gives the area, yield and value of the oat crops of the State the past twenty-six years;

Year.	Number of acres	Average yield per acre—bushels	Bushels produced	Price per bushel—cents	Total value	Value per acre	†Cost of production per acre	Total cost of production	Profit	Loss
1860	543,572	28	15,220,029	$ 26	$3,957,207	$ 7 28	$ 9 40	$5,109,577		$1,152,370
1861	543,572	28	15,220,029	19	2,891,805	5 32	9 40	5,109,577		2,217,772
1862	894,610	20	17,892,200	24	4,294,128	4 80	9 40	8,409,334		4,115,206
1863	820,059	24	19,681,420	56	11,021,595	13 44	9 40	7,708,555	$3,313,040	
1864	779,003	31	24,273,571	61	14,806,988	19 00	9 40	7,322,628	7,484,360	
1865	802,520	35	28,088,197	24	6,741,167	8 40	9 40	7,543,688		802,521
1866	883,952	34	39,054,370	33	9,917,942	11 21	9 40	8,309,149	1,608,793	
1867	1,068,372	30	32,158,000	49	15,757,420	14 74	9 40	10,042,697	5,714,723	
1868	1,018,150	32	32,479,000	39	12,666,810	12 44	9 40	9,570,610	3,096,200	
1869	1,099,261	22	35,726,000	37	13,218,620	12 02	9 40	10,333,053	2,885,567	
1870	1,480,846	26	38,509,000	32	12,320,640	8 32	9 40	13,919,952		1,599,312
1871	1,163,202	33	38,502,000	28	10,770,560	9 26	9 40	10,934,099		153,539
1872	1,178,196	36	43,122,000	19	8,193,180	6 95	9 40	11,075,042		2,881,862
1873	1,178,666	30	35,360,000	28	9,900,800	8 31	9 40	11,079,460		1,178,660
1874	1,818,514	17	31,824,000	45	14,320,800	7 87	9 40	17,094,032		2,773,232
1875	2,272,727	33	75,000,000	28	22,000,000	9 24	9 40	21,363,634		363,634
1876	2,400,000	20	48,000,000	26	12,480,000	5 20	9 40	22,560,000		10,080,000
1877	1,556,194	39	61,145,983	26	16,269,647	10 45	9 40	14,628,224		1,641,423
1878	1,757,953	30	53,424,555	20	10,684,911	6 07	9 40	16,524,728		5,839,817
1879	1,631,139	33	54,664,569	22	12,059,162	7 39	9 40	15,332,706		3,273,544
1880	1,749,391	35	62,709,002	24	12,858,247	8 40	9 40	17,375,108		4,516,861
1881	1,922,389	35	68,744,514	30	21,022,267	10 50	9 40	19,090,219	1,932,048	
1882	2,461,655	40	99,275,380	41	41,062,611	16 40	9 85	24,316,329	16,746,282	
1883	2,740,959	38	104,299,230	26	27,403,706	9 88	9 85	27,061,660	342,046	
1884	2,867,560	36	102,411,665	25	26,047,256	9 08	9 85	28,254,143		2,206,887
1885	3,159,585	36	114,344,387	24	28,098,984	8 89	9 75	30,863,626		2,764,640

† 1860-1881 estimated same as reported for 1880.

The late oat crop of McLean county ammounted to nearly four millions of bushels, and over three millions of bushels of oats were harvested in 1885 in each of the counties of Knox, LaSalle and Will.

RYE.

The area of the 1885 rye crop of the State of 142,706 acres, is less than that of any season since 1874, and the present crop, 2,108,745 bushels, is below that of any of the preceding fifteen years.

Rye was seriously injured during the past winter and early spring, and the unfavorable results of the harvest were anticipated.

The area and yield of rye in each county in the State is given in a table published elsewhere in this report.

The following table gives the area, yield and value of the past twenty-six rye crops grown in the State:

Year.	Number of acres	Average yield per acre—bushels	Bushels produced	Price per bushel	Total value	Value per acre	*Cost of production per acre	Total cost of production	Profit	Loss
1860	59,455	16	951,281	$0 49	$466,127	$7 87	$9 80	$582,659		$116,532
1861	59,455	16	951,281	44	323,435	5 44	9 80	582,959		259,224
1862	49,066	20	981,322	43	421,968	8 60	9 80	480,847		58,879
1863	55,199	16	833,190	74	653,561	11 84	9 80	540,950	$112,611	
1864	56,671	15	850,071	1 01	862,822	15 22	9 80	555,376	307,446	
1865	51,004	16⅓	833,069	49	410,977	8 06	9 80	499,839		88,862
1866	42,721	16.6	666.455	79	526,500	12 32	9 80	418,666	107,834	
1867	42,600	15	639,000	1 19	760,410	17 85	9 80	417,480	342,930	
1868	39,814	16.2	645,000	93	599,850	15 06	9 80	490,177	209,673	
1869	46,875	14.4	675,000	64	432,000	9 32	9 80	459,375		27,375
1870	136,280	16.4	2,235,000	60	1,341,000	9 34	9 80	1,335,544	5,456	
1871	123,033	17.8	2,190,000	56	1,226,400	9 96	9 80	1,205,723	20,677	
1872	122,154	18.1	2,211,000	50	1,105,500	9 05	9 80	1,197,109		91,609
1873	134,064	15.0	2,087,000	58	1,205,240	9 00	9 80	1,313,827		108,587
1874	132,208	15 4	2,036,000	71	1,445,560	10 93	9 89	1,295,638	149,922	
1875	157,572	16.5	2,600,000	61	1,586,000	10 06	9 80	1,544,205	41,795	
1876	161,250	16	2,580,000	58	1,496,400	9 28	9 80	1,580,250		83,850
1877	231,972	16	3,852,091	55	2,103,800	9 10	9 80	2,273,326		169,526
1878	252,768	11	2,915,940	41	1,195,535	4 77	9 80	2,477,126		1,289,591
1879	235,073	18	4,238,824	47	1,991,404	8 47	9 80	2,303,715		312,311
1880	149,742	17	2,737,159	56	1,513,587	10 10	9 80	1,515,235		1,648
1881	175,418	16	2,955,411	81	2,403,954	12 96	9 80	1,773,875	630,079	
1882	357,095	18	6,538,683	62	4,064,483	11 16	10 05	3,591,067	483,416	
1883	276,766	17	4,695,448	48	2,244,646	8 16	10 10	2,798,758		554,112
1884	250,041	16	4,033,092	52	2,101,197	8 40	10 35	2,592,295		491,098
1885	142,706	15	2,108,745	53	1,121,968	7 86	10 25	1,465,438		343,470

*1860-1881 estimated same as reported for 1880.

The following are the only counties in which one hundred thousand bushels or more of rye were produced in 1885, viz: Iroquois county, 103,026 bushels; Stephenson county, 106,164 bushels; Whiteside county, 175,238 bushels, and Winnebago county, 106,847 bushels.

BARLEY.

The 1885 barley crop of the State of 862,482 bushels exceeds that of any year since 1876, with the exception of that of 1880. The average yield of 25 bushels per acre obtained this season compares favorably with the returns of the barley crops of former years.

The average price of 47 cents per bushel received for the 1885 crop is much below the usual price paid for barley immediately after harvest.

It will be seen in the table published elsewhere in this report, giving the area and yield of barley in each county in the State where the crop is grown, that comparatively little attention is paid to its cultivation in Illinois.

The following table gives the area, yield and value of the past twenty-six barley crops produced in this State:

Year.	Number of acres.....	Average yield per acre.....	Bushels produced....	Price per bushel.....	Total value.....	Value per acre.....	†Cost of production per acre.....	Total cost of production.	Profit.....	Loss.....
1860	45,058	23	1,036,334	$0 49	$507,803	$11 26	$10 55	$475,362	$32,441	.....
1861	45,058	23	1,036,334	26	269,446	5 97	10 55	475,362	.....	$205,916
1862	32,657	36	1,175,651	60	705,390	21 60	10 55	344,521	360,859	.....
1863	54,775	22	1,205,042	95	1,444,790	20 81	10,55	577,876	566,914	.....
1864	50,526	22⅔	1,144,790	37	1,568,362	31 04	10 55	532,986	1,035,376	.....
1865	50,425	21	1,058,931	56¾	600,943	11 91	10 55	531,994	68,949	.....
1866	41,510	25	1,037,753	68	705,672	17 00	10 55	437,930	267,742	.....
1867	44,663	22.3	996,000	1 28	1,274,880	28 52	10 55	471,195	803,685	.....
1868	37,829	25.8	976,000	1 36	1,327,360	35 08	10 55	399,096	928,264	.....
1869	59,808	20.8	1,250,000	90	1,125,000	18 81	10 55	630,974	494,026	.....
1870	111,600	20	2,232,000	62	1,383,840	12 49	10 55	1,177,380	206,460	.....
1871	80,509	25.5	2,053,000	52	1,067,560	13 26	10 55	849,370	218,190	.....
1872	79,455	26.1	2,073,000	55	1,140,150	14 35	10 55	837,944	302,206	.....
1873	99,130	23	2,280,000	95	2,166,000	21 85	10 55	1,045,821	1,120,179	.....
1874	119,302	17.2	2 052,000	97	1,990,440	16 68	10 55	1,258,636	731,804	.....
1875	113,281	25.6	2,900,000	70	2,030,000	17 92	10 55	1,195,114	834,886	.....
1876	124,293	17.7	2,200,000	50	1,100,000	8 85	10 55	1,311,291	.....	211,291
1877	44,982	18.5	842,942	47	396,182	8 80	10 55	474,560	.....	78,378
1878	29,301	24	703,294	56	398,844	10 19	10 55	309,125	89,719	.....
1879	25,494	22¾	578,911	46	265,951	10 43	10 55	268,972	.....	3,021
1880	39,313	25	998,382	56	660,703	14 26	10 55	407,271	153,432	.....
1881	31,472	22	697,467	74	892,328	16 28	10 55	331,066	161,262	.....
1882	34,611	27	940,396	68	641,951	18 36	10 55	364,695	277,256	.....
1883	26,845	25	674,338	59	398,901	14 75	10 35	278,298	120,063	.....
1884	26,746	27	732,139	50	366,550	13 70	10 17	272,159	94,391	.....
1885	34,706	25	862,482	47	405,764	11 70	10 15	351,952	53,812	.....

† 1860-1881 estimated same as reported for 1880.

The cultivation of barley receives considerable attention in the following counties, viz: Boone, Carroll, McHenry, Ogle, Stephenson and Winnebago.

HAY.

The average yield per acre of hay this season is less than that of any year since 1874, with the exception of 1879. The quality of hay is much above the average and the crop was generally saved in good condition. The area of meadows harvested this season, of 3,197,638 acres is the largest on record, and the 1885 crop, of 4,197,226 tons of hay, has been exceeded only in 1878, 1882, 1883 and 1884. The late crop of hay is valued at $25,347,809.00.

The extent and value of the hay crop of 1885, in each county in the State, is given in a table published elsewhere in this report.

Tde following table gives the area, yield and value of the last twenty-six hay crops of the State:

Year.	Number of acres	Average yield per acre	Tons produced	Price per ton	Total value	Value per acre	†Cost of production per acre	Total cost of production	Profit	Loss
1860	1,258,548	1 41	1,774,554	$9 90	$17,568,084	$13 95	$7 35	$9,250,328	$8,317,756	.....
1861	1,258,548	1.41	1,774.554	9 90	17,568,084	13 95	7 35	9,250,328	8,317,756	.....
1862	1,348,724	1.7	2,292,831	8 00	18,342,648	13 60	7 35	9,913,121	8,429,527	.....
1863	1,161,707	1.5	1,742,552	11 50	20,039,348	17 25	7 35	8,538,546	11,500,802	.....
1864	1,444,483	1.5	2,166,725	15 33	33,215,894	23 00	7 35	10,616,950	22,598,944	.....
1865	1,733,380	1.5	2,600.070	9 30	24,180,651	13 95	7 35	12,740,343	11,440,308	.....
1866	1,591,880	1.47	2,340,063	9 27	21,692,384	13 62	7 35	11,700,318	9,992,066	.....
1867	1,778,000	1.5	2,667,000	9 73	25,949,910	14 59	7 35	13,068,300	12,881,610	.....
1868	1,905,000	1.4	2,667,000	10 00	26,670,000	14 00	7 35	14,001,750	12,668,250	.....
1869	1,761,006	1.59	2,800,000	9 87	27,636,000	15 69	7 35	12,943,394	14,692,606	.....
1870	1,605,932	1.18	1,895,000	10 74	20,352,300	12 67	7 35	11,803,600	8,548,700	.....
1871	1,403,053	1.31	1,838,000	10 05	18,471,900	13 16	7 35	10,312,439	8,159,461	.....
1872	1,428,888	1.35	1,929,000	9 47	18,267,630	12 78	7 35	10,502,327	7,765,303	.....
1873	1,880,000	1.25	2,350,000	8 75	20,562,500	10 93	7 35	13,818,000	6,744,500	.....
1874	1,860,417	1.2	2,232,500	10 49	23,418,925	12 58	7 35	13,674,064	9,744,861	.....
1875	2,226,277	1.37	3,050,000	9 73	29,676,500	13 33	7 35	16,363,136	7,016,864	.....
1876	2,500,000	1.40	3,500,000	6 68	23,380,000	9 35	7 35	18,375,000	5,005,000	.....
1877	2,443,360	1.65	4,044,967	5 43	21,971,368	9 99	7 35	17,958,696	4,012,672	.....
1878	2,368,854	1.45	4,255,471	4 70	19,994,341	8 44	7 35	17,411,077	2,583,264	.....
1879	2,161,760	1.20	2,578,736	6 37	16,428,012	7 60	7 35	15,888,936	539,076	.....
1880	2,259,857	1.5	3,486,584	6 50	22,589,691	9 75	7 35	16,706,706	5,912,985	.....
1881	2,384,366	1.5	3,484,222	6 95	24.184,087	10 42	7 35	17,517,470	6,666,617	.....
1882	2,629,333	1.75	4,389,186	7 75	34,006,164	13,56	7 35	19,390,712	14,615,456	.....
1883	2,945,482	1.75	5,064,460	6 15	30.990,271	10 76	7 35	21,694,095	9,296,179	.....
1884	3,004,342	1.64	4,940,506	5 47	27,055,087	9 00	7 35	22,093,723	4,961,364	.....
1885	3,197,688	1.33	4,197,226	6 05	25,347,809	7 96	7 30	23,320,211	2,027,591	.....

†1860-1881 estimated same as reported for 1880.

Over one hundred thousand tons of hay were harvested this season in the counties of Kane, McHenry and McLean, and nearly one hundred thousand tons of hay were cut in 1885 in the counties of Cook, DeKalb, Henry, Iroquois and Will.

FLAX.

The attention given to this crop of late years is indicated by the decreased area devoted to flax from year to year.

The crop is grown principally for the seed, and the results have not been encouraging to the producer.

The crop just harvested is less than that of any preceding year on record.

The following table gives the area, yield and value of the flax crops of the State during the past seven years:

YEAR.	Number of acres	Average yield per acre	Bushels produced	Price per bushel	Total value	Value per acre	Cost of production per acre	Total cost of production	Profit	Loss
1879	110,016	9 00	990,447	$1 30	$1,296,753	$11 78	.....	.....	.....	.....
1880	171,985	9 06	1,557,898	1 00	1,579,634	9 19	$9 45	$1,565,715	$13,919	.....
1881	116,776	9 17	1,071,339	1 02	1,099,017	9 41	9 45	1,045,504	53,513	.....
1882	93,240	8 84	824,820	1 10	911,706	9 78	8 90	830,970	80,736	.....
1883	29,338	9 31	273,286	1 09	300,008	10 22	8 65	258.726	41,292	.....
1884	31,019	8 79	272,845	1 15	314,416	10 14	8 73	270,825	42,591	.....
1885	21,744	9 90	198,823	1 09	216,093	9 94	8 95	194,732	21,361	.....

CORN.

The area of the growing crop of corn is given by counties in a table published elsewhere in this report, as well as the August condition of corn for a term of years. The area of corn this season, of 7,303,217 acres, exceeds that of 1884 by 404,398 acres.

The August condition of corn for the State is more promising for a large average yield per acre this season than for the corresponding month in any year since 1877, with the exception of 1879. There was considerable improvement in the condition of the growing crop of corn during the month of July, in the northern and central divisions of the State.

The drouth which has prevailed in some of the southern counties during the past month has reduced the prospects for corn in the Southern division of the State.

The late planted corn has made rapid growth, and unless there are early and severe frost it will mature before the usual time for gathering the crop.

BROOM CORN.

This crop is receiving more or less attention in sixty-one counties in the State. The condition of broom corn gives encouragement for an average or better yield per acre in more than half the counties in which the crop is cultivated this season, and in half the remaining counties there will be from 90 to 95 per cent. of an average yield per acre.

The August condition of broom corn indicates an average or better yield per acre, as noted in the following counties, viz: Champaign, Crawford, DeKalb, DeWitt. 100; Hamilton, 110; Iroquois, Jasper, Jefferson, Kankakee, McHenry, Menard, Moultrie, Ogle, 100; Peoria, 110, Piatt, Pike, Pulaski, Randolph, Sangamon, Schuyler, Shelby, Stark, Stephenson, Union, Wayne, Whiteside, Williamson and Winnebago, 100.

In the following counties there will be from three-fourths to an average yield per acre of broom corn, viz: Alexander, Boone, Bureau, 90; Christian, 87; Clark, 89; Clay, 97; Clinton, 90; Coles, Cumberland, 97; Douglas, 77; Edgar, 95; Fayette, 97; Franklin, 87; Fulton, 75; Greene, Henry and Knox, 90; Lake, 82; Lawrence, 90; Livingston, 80; Madison, 85; Marion, 72; Mercer, 75; Monroe, 97; Putnam, 90; Richland and Rock Island, 80; Saline, 85; St. Clair, 95; Tazewell and Wabash, 90; Warren, 95, and Woodford, 97.

SORGHUM.

There will be an average or better yield per acre in thirty-nine of the sixty-four counties in which the cultivation of sorghum cane is reported this season. In the remaining counties the condition of sorghum in all except seven counties gives encouragement for from 80 to 90 per cent. of an average yield per acre. There will be an average or better yield per acre as noted in the following counties, viz: Cass, Champaign, Cook, 100; Effingham, 102; Hamilton, 105; Jasper, Jersey, Jo Daviess, 100; Johnson, 125; La Salle, Logan, Massac, McHenry, 100; Montgomery, 102; Moultrie, Ogle, Piatt, Pope, Pulaski, 100; Randolph, 105; Sangamon, Shelby, Stephenson, Vermilion, Whiteside, 100; Winnebago, 102. In the remaining counties there will be from 80 to 95 per cent. of an average yield per acre, except in the following counties, where the August condition is as noted: Brown and Bureau, 75, Hardin, 55; Henderson, 72; Livingston, 77; Pike, Saline and Schuyler, 75.

COTTON.

The condition of cotton is up to an average in Williamson county. This crop is not reported as receiving attention in any other county in the State.

HEMP.

There will be 95 per cent. of an average yield per acre of hemp in Ogle county, which is the only county in the State in which this crop is reported as being cultivated this season.

PASTURES.

Pastures are not up to an average except in the following counties where the August condition is as noted: Bond, 112; Champaign, De Kalb, 100; Effingham, 112; Ford, 102; Jasper, Jersey, 100; Lee, 104; Logan, Menard, 100; Monroe, 101; Ogle, Piatt, Pope, 100; Pulaski, 103; Randolph, 102; Stephenson, 100, Vermilion, 107; Whiteside, 100; Winnebago, 105; and Woodford, 100. In all except the following counties the condition of pastures is reported at from 75 to 95 per cent. of an average, viz: Clark, 74; Hardin, 55; Henry, 72; Peoria, 67; White, 70; and Will, 67.

Attention is invited to the table published elsewhere in this report in which is given the area in pastures this season in each county in the State, as well as the August condition for a term of years. It will be seen that the State average condition of pastures in August has not been as low as this season but twice during the past eight years, viz: 1879 and 1881.

IRISH POTATOES.

The condition of Irish potatoes is up to an average in thirty-nine counties, and above an average in sixteen counties. The condition of Irish potatoes is five per cent. below an average in sixteen counties; ten per cent. below an average in twelve counties.

In the remaining counties there will be from seventy-five to eighty-five per cent. of an average yield per acre.

The August condition of irish potatoes in the counties in which the crop is grown to a very considerable extent is as follows: Adams, 85; Cook, 99; DuPage, 95; Fulton, 80; Iroquois, 85; LaSalle, 97; Livingston, 95; Madison, 105; McHenry, 90; McLean, 92; Morgan, 98; Peoria, 75; Rock Island, 81; St. Clair, 100; Union, 90; and Will, 83.

In each of the above counties upwards of two hundred thousands of bushels of Irish potatoes were produced in 1884.

SWEET POTATOES.

The condition of sweet potatoes is up to an average in forty-two counties, and five per cent. above an average in four counties. In ten counties the condition is five per cent. below an average, and in twenty-two counties ten per cent. below an average. In four counties the condition of sweet potatoes is fifteen per cent. below an average, and in five counties twenty per cent. below an average for the season. In the remaining four counties there will be from half to three-fourths of an average yield per acre. In the following counties, where upwards of ten thousand bushels of sweet potatoes were produced last season, the present condition of the crop is as follows, viz: Adams 82, Gallatin 90, Johnson 100, Morgan 90, Pulaski 100, Tazewell 84 and Union 87.

TURNIPS AND OTHER ROOT CROPS.

There is a decrease in the area of turnips and other root crops, as compared with the previous year.

In twenty-five counties the area of root crops is the same as in 1884, and in five counties there is a slight increase in the area this season. In the remaining counties there is a decrease in the area seeded this season, when compared to that of the previous year. The prospects are encouraging for an average yield per acre of root crops in fifty-three counties, and more than an average yield in three counties.

In the remaining twenty-nine counties there will be less than an average yield per acre, ranging from 50 per cent. to 95 per cent. of an average yield per acre.

TOBACCO.

This crop is not reported by the correspondents residing in fifty-six counties. Tobacco, in August, was up to an average in condition in the following counties, viz: Alexander, Clinton, Cook, Hamilton, Jefferson, Johnson, Madison, Marion, Montgomery, Moultrie, Piatt, Pulaski, Randolph, Shelby, Stephenson, Tazewell, Wabash and Washington. In Williamson county the August condition of tobacco was reported at 103; Randolph, 80; St. Clair, 98, Wayne, 50; Will, 90; and Williamson, 90.

The condition of tobacco in the remaining counties was reported as follows: Brown, 90; Calhoun, 75; Clark, 90; Clay and Coles, 95; Crawford, 83; Cumberland and Douglas, 90; Edwards, 95; Effingham, 96; Fayette, 87; Franklin, 67; Gallatin, 90; Green, 97; Hancock, 90; Hardin, 64; Henderson, 90; Jasper, 80, Jo Daviess, 95; Lawrence, 75; Massac, 97; Warren, 95; Wayne and White, 90; Will, 75; and Winnebago, 90.

CASTOR BEANS.

The August condition of castor beans in twenty-one counties is given in a table published elsewhere in this report. The condition gives encouragement for an average or better yield per acre of caster beans, as noted in the following counties, viz: Bond, 107; Clay, Clinton, Crawford, Hancock, Jefferson and Pulaski, 100 In the remaining counties in which this crop is grown the condition is reported as follows, viz: Macoupin, 90; Marshall, 95; Monroe, 87; Perry, 77.

BUCKWHEAT.

The comparative area and condition of buckwheat is given for each county in the State in a table published elsewhere in this report.

This crop is receiving so little attention as not to be considered worthy of mention by correspondents in thirty counties in the State. In the 72 counties in which attention is given to this crop, the area is as large or larger than last season in all except the following, viz: Adams, 90; Boone, 88; Bureau, 90; Clinton, 80; Coles, 95; Crawford, 80; Cumberland, 88; DuKalb, 85; Effingham, 97; Fayette, 99; Grundy 40; Hancock, 85, Henry, 75; Iroquois, 85; Kankakee, 80; Kendall, 97; Knox, 75; Lake, 90; LaSalle, 95; Lawrence, 80; Livingston, 75, Madison, 95; Marshall and Mason, 70; McDonough, 75; Ogle, 83; Peoria, 80; Richland, 60; Rock Island, 95; Union, 90; Warren, 87; Will, 80; and Winnebago, 90.

In twenty-nine counties there will be an average yield per acre of buckwheat and from three-fourths to an average yield in thirty-nine counties and less than three-fourths of an average yield in two counties.

FIELD PEAS.

Field peas are up the August average in condition in twenty-nine counties, and ten per cent. above an average in one county.

In three counties the condition of this crop is five per cent. below the average for August, ten per cent. below in seven counties; fifteen per cent. below in one county; twenty per cent. below in two counties; twenty-five per cent. below in two counties; thirty-five per cent. below in two counties, and fifty per cent. below in one county. The condition of the crop is not reported by the correspondents in fifty-four counties. The August condition of this crop is given in each county in the State in a table published elsewhere in this report.

FIELD BEANS.

Field beans are up to an average in forty-four counties, five per cent. above an average in three counties, and ten per cent. above an average in one county. There will be five per cent. less than an average yield per acre in ten counties, ten per cent. less in

thirteen counties—fifteen per cent. less in four counties—twenty per cent. less in three counties, twenty-five per cent. less in one county, thirty-five per cent. less in two counties and fifty per cent. less in one county.

The table published elsewhere in this report gives the August condition of this crop in eighty-two counties.

APPLES.

There will be a limited crop of apples in this State this season.

The correspondents report the prospects favorable for an average crop of apples in the following counties, viz: Alexander, Jackson, Jasper, Jefferson, Shelby. In the following counties there will be more than an average crop of apples, viz: Edwards, Effingham, Pulaski, Union and Washington.

The prospects are favorable for from three-fourths to an average crop of apples in the following counties, viz: Bond, 77; Clay, 98; Clinton, 97; Crawford, 84; Cumberland, 77; Fayette, 87; Franklin, 82; Hamilton, 90; Jersey, 77; Johnson, 90; Lawrence, 80; Macoupin, 83; Madison, 82; Marion, 95; Massac, 97; Monroe, 85; Montgomery, 76, Perry, 90; Pope, 80; Randolph, 89; Richland, 87; Saline, 80; Scott, 77; St. Clair, Wabash, 96; Wayne, 85, White, 84 and Williamson, 92.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this department are as a rule farmers of extended experience and practical judgment, representative men of public spirit, and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this department during the past nine years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—There is a general complaint of the drouth during the past month. Corn has been injured to a considerable extent and the prospect is not encouraging for an average yield per acre. Not more than one-third of the area seeded to winter wheat was harvested and the yield will not exceed 6 bushels. Rye will yield about 15 bushels and oats about 37 bushels per acre. Meadows yielded about one and one-half tons of hay per acre. Pastures are short owing to the drough. Sorghum cane has not made the usual growth. Irish and sweet potatoes are not up to the average condition for August 1. Buckwheat has less area than in 1884—condition not good. There will not be more than half a fruit crop. Farm animals are in fair condition—no disease among them.

ALEXANDER—Corn is in excellent condition and the prospect is good for an average yield per acre. That planted on river bottom land is doing well and will make a large yield. The yield of winter wheat will not exceed 7 bushels per acre. The grain is good. Oats will not come up to the average in yield. Meadows did not yield more than one-third of a crop of hay, one-half ton per acre is about the average for this season. Tobacco has made good growth. Irish and sweet potatoes are in fair average condition Turnips, field beans and peas are all doing well. The fruit is nearly up to the average in condition. Live stock is in better condition than usual.

BOND—Corn is not as clean nor as well cultivated as it should be at this date. The last half of the month of July has been favorable to the growth of corn, and nearly an average yield per acre may be expected. Not more than 15 per cent. of the winter wheat seeded last fall was harvested, and the yield will not be more than 7 bushels per acre. Rye will yield about 6 bushels per acre and oats about 30 bushels per acre. Meadows yielded on an average about one and three-fourths tons per acre; pastures are above the average in condition. Irish and sweet potatoes are doing well. Buckwheat is above the average in condition, and the area is larger than in 1884. Turnips and other root crops are doing well Apples will yield about 77 per cent of an average crop; pears, 68; plums, 64; grapes, 92. Farm stock healthy.

BOONE—Corn is uneven and very backward in some portions of the county. The yield will not be more than 85 per cent. of an average yield per acre. Winter wheat will not yield more than 5 bushels per acre. Of the limited area seeded last fall not more than 40 per cent. was harvested. Rye will yield about 13 bushels; spring wheat 12; barley 25, and oats 35 bushels per acre. Meadows yielded about one and three-fourths tons per acre. Pastures are in good condition. The late rains have been favorable for pastures. Irish potatoes are about an average in condition. Buckwheat is not looking well and the area is less than that of 1884. Field beans are making good growth. Broom corn will make nearly an average yield. Apples nearly a failure and grapes will not yield a full crop.

BROWN—Corn in this county is suffering for rain, and the prospect is not encouraging for more than a four-fifths yield per acre. The area planted is larger than for years. Winter wheat will yield about 6 bushels per acre; rye 6; oats 30. The yield of hay is very large per acre and it has been harvested in good condition. The drouth has cut pastures short. Tobacco has made about the usual growth. Irish potatoes are a full average in condition. Turnips are doing well. The fruit crop will range as follows when compared with an average: Apples 45 per cent.; pears 80; plums 80; grapes 90. Sorghum cane is not in good condition. Live stock is in good healthy condition.

BUREAU—Corn made a very uneven stand. The continued favorable conditions have greatly improved the prospect since last report. Nearly an average yield per acre may be expected if not cut off by an early frost. Winter wheat is all cut and shocked but no threshing done as yet. It has been too wet to stack. Spring wheat will yield about 15 bushels per acre; rye 15, and oats 37 bushels. Some fields of oats are entirely destroyed by grasshoppers which have appeared in greater number than ever before known. The yield of hay was rather light and will not exceed one and one-fourth tons per acre. Pastures are in very fair condition since the recent rains. Broom corn and sorghum cane are backward. Irish potatoes are doing well. Buck-

wheat is hardly up to the average in condition and has less area than in 1884. The fruit crop is nearly a failure. The condition and health of farm animals is good.

CALHOUN—Corn was beginning to show the effects of the drouth until the rains of this week set in when it commenced to grow very rapidly. The prospect is good for nearly an average yield per acre. But little over one-third of the area of winter wheat seeded last fall was left for harvest and the yield will be about 10 bushels per acre. Rye will yield about 20 bushels and oats about 33 bushels per acre Meadows yielded about one and one-half tons per acre. Pastures have been very much affected by the drouth. Irish and sweet potatoes do not come up to the average in condition for August 1. The area of buckwheat sown is about the same as in 1884, condition not up to the average. There will be about two-thirds of a crop of apples, but no peaches or pears. Farm animals in good health and condition.

CARROLL—Corn is making very rapid growth. Some fields have been more or less injured by the root webworm. The yield will be nearly an average per acre should the condition remain favorable. Meadows yielded about one and one-half tons per acre. Hay not harvested in good order owing to the continued rains. Oats are not fully ripe The late rains have lodged it badly in some neighborhoods. The crop generally will be light in this county. Sorghum cane is doing very well. Pastures are about an average in condition. Buckwheat looks well. The area is about the same as last season. Turnips and other root crops have made good growth. The same may be said of field beans and peas. There will be but little fruit. Apples will not yield more than half a crop. Farm stock is in good condition and health.

CASS—The condition of corn is nearly up to the average. In some portions of the county it has been injured by the root-web worm and the drouth. But little over one-half of the wheat area seeded last fall was harvested and the yield per acre will not exceed 9 bushels. The present oat crop is one of the most promising we ever had. Mostly stacked and in good order. The yield will be about 46 bushels per acre. Sorghum cane is looking well. Irish and sweet potatoes are making good growth and a large yield per acre may be expected. Turnips and other root crops are looking well. The apple crop will be about three-fourths of an average. Pears, plums and grapes will not average quite so large a yield. Some complaint of distemper among horses.

CHAMPAIGN—The prospect for a large yield of corn per acre is very flattering at present, should the conditions remain favorable the yield per acre will be 20 per cent. above an average. Not more than 40 per cent. of the area seeded to wheat last fall was harvested. The yield per acre will not exceed one-third of an average, The oats crop will be large and the yield per acre about an average. Meadows were rather light. Pastures are in fair condition. Broom corn looks well. Irish and sweet potatoes are making rapid growth. Buckwheat has about the same area as in 1884; condition good. The fruit crop nearly a failure. Field beans and peas look well. The same may be said of turnips and other root crops. Live stock in good healthy condition.

CHRISTIAN—The present corn crop is not up to the average in condition. A good rain is needed. The drouth has greatly injured the prospect for an average yield per acre. About one-fifth of the area of winter wheat seeded last fall was harvested and the yield will be about 7 bushels per acre. Rye will yield acout 10 bushels per acre; Spring wheat about 8 and oats 32 bushels. Meadows were not as heavy as last season; one and one-half tons per acre is a fair estimate of the yield. Pastures are very thin and need rain. There is about three-fourths of an average crop of apples. The fruit is inferior owing to the weak condition of the trees. Buckwheat is looking well. The same may be said of field beans and peas.

CLARK—The greater portion of the corn of this vicinity has been injured by the drouth, and a yield of more than four-fifths of an average per acre is not expected About one-third of the area seeded to wheat last fall was left for harvest. Oats are excellent in quality and will yield about 27 bushels per acre. Broom corn and sorghum cane are backward. Meadows were not up to the average in condition and not more than three-fourths of a ton of hay per acre was harvested on an average. Tobacco is looking well. Irish and sweet potatoes are not up to the average in condition. The area of buckwheat is larger than that of last year. The condition is good. Turnips and other root crops are doing well There will be about two-thirds of an average yield of apples, plums and pears. Health and condition of farm animals good.

CLAY—The corn crop promises nearly an average yield per acre. It has been well cultivated and has good color. Not more than half the area of wheat seeded last fall was left for harvest and the yield per acre will not exceed 8 bushels. Oats are of excellent quality and will yield about 29 bushels per acre. The area is very large. Meadows were not heavy but in quality good and yielded about one-fourth ton per acre. Broom corn and sorghum cane are doing well. Tobacco has made good growth. Castor beans are in good condition. The drouth has injured pastures to some extent Irish and sweet potatoes have made the usual growth. The area seeded to buckwheat is much larger than that of last season. The condition is good. There will be about an average yield of apples, pears and grapes. Live stock is in fair condition and health.

CLINTON—Corn has suffered from the protracted drouth and from the ravages of the chinch bug The prospect is not favorable for more than four-fifths of an average yield per acre. The wheat crop is an entire failure, patches here and there were left for harvest but did not yield more than the seed sown on them last fall. Rye will yield about 22 bushels per acre and oats 40 bushels. Meadows made about one and one-half tons of hay per acre. Pastures are quite short owing to the want of rain. Broom corn and sorghum cane are backward. Tobacco has made good growth, Irish and sweet potatoes are below the average in condition for August 1. The area of buckwheat is considerably less than in 1884; condition only fair. The fruit crop (with the exception of peaches) is nearly up to an average. Farm animals in good health and condition.

COOK—The condition of the corn crop is good and with favorable rains the yield per acre will be nearly up to an average. Rye yielded about 16 bushels per acre; oats 32; barley 35, and spring wheat 16 bushels. Meadows were short and did not average more than one ton per acre. Sorghum cane is looking well. The same may be said of tobacco. Irish potatoes have made good growth. Buckwheat is doing well. Field beans

and p as are about an average in condition for August 1 The fruit crop is far below the average. Stock of all kinds is in good healthy condition.

COLES—The condition of corn is above the average and a large yield per acre is expected. The crop is a little late but is growing rapidly. About 20 per cent. of the area seeded to winter wheat was left for harvest and the yield per acre will be about 7 bushels. The oats crop is very large in both area and yield. Meadows were kept back by the cold, dry spring, hence the yield (one and one-fourth tons per acre) is not large. Pastures where not overstocked are in fair condition. Tobacco has made good growth. Irish and sweet potatoes, buckwheat, fie d beans and peas are all nearly up to the average in condition for Aug. 1. Apples will yield about three-fourths of an average crop. Pears, plums and grapes about two-thirds of a crop. Farm stock look well and are free from disease.

CRAWFORD—Corn is in fair condition but needs rain at this time. The prospect is good for four-fifths of an average yield per acre. The area seeded to winter wheat last fall was reduced fully two-fifths by winter-killing and the yield will not exceed 7 bushels per acre. Broom corn and sorghum cane are doing well. Tobacco is late and does not promise an average yield per acre. Castor beans are looking well. Meadows did not yield as large as usual and pastures are not up to the average in condition. Irish and sweet potatoes, buckwheat, turnips and other root crops are hardly up to the average in condition for August 1. Field beans and peas are doing well. There is a fair fruit crop excepting peaches. Live stock is in good healthy condition.

CUMBERLAND—Corn has suffered for want of rain and will not make more than 70 per cent. of an average yield per acre. But little more than one-third of the area seeded to winter wheat last fall was harvested and the yield per acre will be about 8 bushels. Meadows yielded about one and one-fourth tons per acre. Pastures are not up to the average in condition. Broom corn and sorghum cane are making fair growth. Irish and sweet potatoes promise nearly an average yield per acre. The area of buckwheat sown is less than that of last year, and the condition is below the average. Field beans and peas are looking well, Apples will make nearly four-fifths of an average crop. Farm animals are in good condition and health.

DEKALB—The past month has been very favorable to the growing corn; an abundance of rain and hot weather throughout the month. The prospect is encouraging for an average yield or better per acre. The limited area of winter wheat seeded in this county has turned out well. But little threshing done as yet. Oats will yield about 35 bushels per acre. Meadows were very heavy and the quality of hay good. Pastures were never better than this season. Apples are almost a failure. Small fruits in abundance Irish potatoes have made the usual growth for August 1. The area of buckwheat is not as large as last season Condition good. Turnips are doing well. Field beans and peas are in good condition. No disease among farm animals.

DE WITT—Corn is fully two weeks late, but is in very good condition. The prospect is encouraging for nearly an average yield per acre. Not quite one-half of the area seeded to wheat last fall was harvested, and the yield will average about 12 bushels per acre. The berry is of good quality. Rye will yield about fourteen bushels per acre and oats about 38 bushels. Meadows were not heavy and did not average more than one and one-fourth tons per acre. The drouth has shortened pastures some. Irish and sweet potatoes are looking well. The area of buckwheat is larger than last season and its condition is good. There will be about one-half an average crop of fruit (excepting peaches). Farm animals are in good condition and health.

DOUGLAS—The prospect for an average yield of corn per acre was never better than at present. Not more than one-third of the area seeded to winter wheat was left for harvest and the yield will not average more than 8 bushels. Rye will yield about 11 bushels and oats 35 bushels per acre. Broom corn and sorghum cane are doing well. Tobacco has made good growth. Irish and sweet potatoes are looking well. The area of buckwheat is about the same as last season and its condition is good. Turnips and other root crops are doing well. Field beans and peas are in good condition Meadows were not heavy and did not average more than one and one-fourth tons of hay per acre. There will not be more than two-thirds of an average crop of apples, pears, plums and grapes. Farm stock is in good condition and health.

DU PAGE—Corn is in excellent condition and promises a full average yield per acre. The limited area of winter wheat left for harvest is not worthy of report. Rye will yield about 26 bushels per acre and oats about 50 bushels. Meadows did not yield more than one ton per acre. Pastures are not up to the average in condition. Irish potatoes are doing well. Turnips and other root crops are making fine growth. There will be but few apples, no peaches or pears and about one-half a crop of grapes. Grasshoppers are more numerous than ever known before in some portions of the county. Farm stock is in good condition and health.

EDGAR—The condition of corn is about the average for August 1. The weather has been favorable to the growing crop. The prospect is encouraging for an average yield per acre. The winter wheat crop is almost a failure. Not more than ten per cent. of the area sown last fall was harvested. The yield will not exceed 5 bushels per acre. Broom corn and sorghum cane are looking well. The oats crop will be larger and the yield per acre about 31 bushels. Meadows were not heavy and the yield of hay will not exceed one and one-fourth tons per acre. Pastures are nearly up to an average in condition. The area of buckwheat is larger than in 1884. The condition good. Irish and sweet potatoes are doing well. The fruit crop nearly a failure. Farm stock is looking well. No disease reported.

EDWARDS—The prospect for an average yield of corn per acre was never better than at this time. About one-half of the area seeded to winter wheat last fall was left for harvest and the yield will be about four bushels per acre. Rye will not yield more than 5 bushels and oats 33 bushels per acre. Meadows were short and did not yield more than one ton of hay per acre. Sorghum cane looks well. Tobacco has made the usual growth for August 1. Castor beans are in fine condition. Pastures are a little short and need rain. Irish and sweet potatoes are doing well. Turnips, field beans and peas are all in excellent condition. With the exception of peaches there is a fair prospect for fruit.

EFFINGHAM—The condition of corn was never better than at present and the prospect is encouraging for a larger yield per acre than an

average. Chinch bugs are numerous but have not injured the corn owning to the rains. Not one-third of the area seeded to wheat last fall was harvested and the yield will not exceed 6 bushels on an average per acre. Oats will average 33 bushels per acre. The quality is good Sorghum cane looks well. Meadows were injured early in the spring by the cold weather. The yield of hay will not be more than one and one-fourth tons per acre. Pastures are above the average in condition. Tobacco has made fair growth. Irish and sweet potatoes have made unusual good growth. Buckwheat is a little below the average in area and condition. Turnips, field beans and peas are all doing well. There will be more than an average crop of apples, pears and plums. Farm stock in good health and condition.

FAYETTE—The prospect is encouraging for nearly an average yield per acre of corn. That on highland is in better condition than on the low bottom lands owing to the heavy rains during June. Not one-fifth of the area seeded to wheat last fall was harvested and the yield will not exceed 6 bushels per acre. The quality is good. Meadows made about one and one-half tons of hay per acre. Pastures are not quite up to the average in condition. Broom corn and sorghum cane are looking well. Irish and sweet potatoes have made good growth. Buckwheat is looking well but the area is not as large as in 1884. The fruit crop (excepting peaches) will be nearly an average. Turnips and other root crops are doing well. Field beans and peas have made the usual growth for August 1. Live stock is in good condition and healthy.

FORD—The prospect for a large crop of corn is the best of any in five years past. The yield per acre will exceed the average. About two-thirds of the wheat area was left for harvest and the yield per acre will be about 10 bushels. Rye will yield about 14 and oats 30 bushels. Meadows yielded about one and one-fourth tons per acre. Pastures are above the average in condition. The area of buckwheat is larger than in 1884, and the condition is above the average for August 1. Irish and sweet potatoes are doing well. Turnips and other root crops have made good growth. Field beans are in excellent condition. Apples will yield one-fourth of a crop. Live stock is in good condition and health.

FRANKLIN—The condition of corn is very good, although it has suffered some from the recent drouth. The prospect is encouraging for about an average yield per acre. There was but little over half of the area seeded to winter wheat last fall left standing for harvest and the yield will not be more than 6 bushels per acre. Rye will yield about 9 bushels; barley 50 and oats 30 bushels. Meadows did not exceed one and one-fourth tons per acre. Pastures are not up to the average in condition owing to the drouth. Irish and sweet potatoes are doing well. The area of buckwheat is larger than that of 1884. The condition good. Turnips, field beans and peas all look well and will yield average crops. With the exception of peaches the fruit crop is very fair. Tobacco has made the usual growth. The condition of live stock is good. No diseases of any kind reported.

FULTON—Corn is making very rapid growth. Although late fully two weeks the prospect is good for nearly an average yield per acre. The yield per acre of winter wheat will be about 10 bushels. About three-fourths of the area seeded last fall was harvested. Meadows yielded one and three-fourths tons per acre. Pastures are very short and are covered with grasshoppers. Oats will yield about 41 bushels per acre; rye about 11 bushels. Broom corn and sorghum cane are not in first-class condition. Irish and sweet potatoes are making good growth. The area of buckwheat is about the same as last year; condition good. Apples will not yield more than one-third of a crop. Pears, plums and grapes nearly an average crop. Live stock is in good healthy condition.

GALLATIN—The drouth has greatly affected the corn and the prospect is not encouraging at this time for more than four-fifths of an average yield. About two thirds of the area seeded to winter wheat was left for harvest and the yield will be about 10 bushels per acre. Barley will yield 18 bushels and oats about 25 bushels per acre. Sorghum cane has been more or less affected by drouth. Tobacco has made the usual growth for August 1. Castor beans are in fine condition. Irish and sweet potatoes have made good growth. Field beans and peas are up to the average in condition for this date. There will be about two-thirds of an average yield of apples, plums and pears, and one-third of the average crop of peaches. Grapes are in abundance. Farm animals are in good health and condition.

GREENE--Corn is about an average in condition but is needing rain very much. Of the large area of winter wheat seeded last fall in this county less than ten per cent. was harvested. The yield is only five bushels per acre and the quality is not good. Rye will yield about 15 bushels, spring wheat 18 bushels, barley 18 bushels and oats 36 bushels per acre. Broom corn and sorghum cane are doing well. Meadows yielded about one and one-half tons of hay per acre. Pastures are in fair condition where not overstocked. Irish and sweet potatoes are making splendid growth. Turnips, field beans and peas all look well. There is a partial crop of all the fruits, excepting peaches. Farm animals are not in good condition. No disease among live stock.

GRUNDY—The prospect is encouraging for nearly an average yield of corn per acre. It has been well cultivated; has good color and is making rapid growth. The area of winter wheat seeded last fall is too small for report. Oats will yield about 25 bushels per acre. The grasshoppers injured the oats to a considerable extent just before harvest. Meadows yielded about one and one-half tons of hay per acre. Pastures are rather short owing to the drouth. Irish and sweet potatoes are not up to the average in condition for August 1 The area of buckwheat seeded is much less than that of last season. Field beans are doing well. There will be about a half crop of fruits, excepting peaches and plums.

HAMILTON--Corn is in splendid condition and gives encouragement for more than an average yield per acre. Winter wheat yielded about 5 bushels per acre. Rye will yield about 8 bushels and oats about 55 bushels per acre. The hay crop is very light and did not make more than three-fourths of an average yield per acre. Pastures are nearly up to the average in condition. Tobacco has made good growth. Broom corn and sorghum cane are doing well. Turnips and other root crops are making excellent growth. Field beans and peas are in good condition. The fruit crop is nearly up to the average in condition and will make the usual yield. Farm animals are in good health and condition.

HANCOCK—Corn has grown very rapidly during the past month; some of it is two weeks late, but with a late fall will mature; the yield will be better than an average per acre. About half of the area of winter wheat seeded last fall was harvested, and the yield will be about 8 bushels per acre. Rye will yield 14 bushels per acre, and oats 37 bushels. Sorghum cane is doing well. Tobacco has made good growth. Castor beans look well. Meadows yielded about one and one-fourth tons per acre. Irish and sweet potatoes are not up to the average condition for August 1: the same may be said of buckwheat. The fruit crop compared with an average will yield as follows: Apples, 40 per cent.; pears, 45, plums, 87; grapes, 96 per cent. Live stock generally in good condition and health.

HARDIN—The condition of corn is not good and does not give encouragement for more than two-thirds of an average yield per acre. There is a fair wheat crop and the yield will be about 15 bushels. Oats will yield about 38 bushels. Meadows yielded about one and one-half tons per acre of good hay. Tobacco has not made a good growth. Owing to the drouth pastures are cut very short Irish and sweet potatoes will not yield more than three-fourths of an average crop. The same may be said of field beans. There will be a partial crop of apples, plums and grapes. Farm animals are healthy and in fair condition.

HENDERSON—The hot weather of the past three weeks has done much toward assuring a fair crop of corn; the yield per acre will be about four-fifth of an average; some of the corn is fully two weeks late and may be caught by frost. Winter wheat will average about 9 bushels per acre; rye, 12; barley, 12, and oats 32 bushels per acre. Meadows yielded about one and one-half tons per acre of good hay. Tobacco has made good growth. Irish and sweet potatoes are not up to the average in condition. Buckwheat is about an average in area and condition. Turnips and other root crops are doing well. Fruits will yield about as follows: Apples, 54 per cent. of an average; plums, 50; and grapes 75 per cent. Farm animals are in fair condition and health.

HENRY—The prospect for corn is not encouraging for more than a three-fourths of an average yield per acre, even under the most favorable conditions. The drouth for the past four weeks has very seriously injured the corn. Winter wheat will yield about 15 bushels; spring wheat will make about an average yield per acre; rye, 15; barley 18, and oats, 39 bushels per acre. Meadows yielded about one and one-half tons per acre. Pastures are very greatly injured by the drouth. Grasshoppers are in greater numbers than for 25 years. Broom corn and sorghum cane are not quite up to an average in condition. The same may be said of castor beans. Irish and sweet potatoes, turnips, field beans and peas are all below the average in condition, owing to the drouth. The fruit crop is very poor. Farm animals are in good condition and health.

IROQUOIS—Corn never looked better than at present, although it is two weeks late. The prospect is good for an average yield per acre. Not one-half of the area seeded last fall to winter wheat was left for harvest. The yield will be about 12 bushels per acre. Rye will yield about 22 bushels and oats 28 bushels per acre. Oats are poor the grasshoppers having cut the heads off of fully one third of the crop. Meadows yielded about one ton per acre. Pastures are not up to the average in condition. Broom corn and sorghum cane are doing well. Irish and sweet potatoes are in fine condition. Buckwheat is in good condition and the area about that of last year. Fruit crop a failure.

JACKSON—The prospect for corn is not encouraging for more than three-fourths of an average yield per acre. About three-fourths of the area seeded to winter wheat was left for harvest and the yield will not be more than 3 bushels per acre. Oats made a good crop and the yield will be about 40 bushels per acre Meadows will yield about one ton per acre of fair hay. Irish and sweet potatoes are in fine condition. Turnips and other root crops are doing well. There will be an average crop of apples and a partial crop of peaches, plums and pears. Farm stock in good condition and health.

JASPER—The prospect for corn is very flattering, and a full average yield per acre may be expected. The wheat crop is almost an entire failure. Not more than 5 per cent. of the area sown was left for harvest. Meadows yielded about one ton per acre of good hay. Broom corn and sorghum are looking well. Tobacco has not made the usual growth for August 1. Pastures are in fair condition Irish and sweet potatoes are hardly up to the average condition for August 1. Buckwheat is looking well and has about the same area as in 1884. Turnips, field beans, and peas are doing well With the exception of peaches there will be about a half fruit crop.

JEFFERSON—The prospect for an average yield of corn per acre is very encouraging. There is some complaint of chinch bugs injuring the corn. A little over half of the area seeded to winter wheat last fall was left for harvest and the yield will not exceed 5 bushels per acre. Rye will not yield more than 9 bushels and oats 35 bushels per acre. Meadows will yield about one ton per acre of good hay. Tobacco has made excellent growth. Broom corn and sorghum cane are doing well. Irish and sweet potatoes are making fair growth. The area of buckwheat is not equal to that of last season. The condition is good. Turnips, field beans and peas are looking well. The fruit crop is about 60 per cent. of an average Farm animals are in good health and condition.

JERSEY—The prospect is good for an average yield per acre of corn. Winter wheat is nearly a failure. Fully nine-tenths of the area sown to wheat last fall was plowed up. The patches here and there left for harvest will average about ten bushels per acre. Oats will yield 40 bushels per acre and are of excellent quality. Meadows yielded about one and three-fourths tons of hay per acre. Pastures are in very good condition where not overstocked. Irish and sweet potatoes are looking well. Buckwheat has about the same area as last season Condition good. There is a fair fruit crop. Farm animals are in good health and condition.

JO DAVIESS—There is an encouraging prospect for an average yield of corn per acre. Not more than one-third of the limited area seeded to wheat was left for harvest. The yield will be about 16 bushels per acre. Rye and spring wheat will yield 15 bushels and oats 35 bushels per acre. Sorghum cane is looking well. Tobacco has made excellent growth. Irish potatoes are doing well. Meadows yielded about one ton per acre. Pastures are nearly up to an average in condition. Buckwheat is in good condition and the area is about the same as last year. Turnips and other root crops are growing rapidly. About one-third of an average fruit crop. Farm animals in good health.

JOHNSON—The prospect is favorable for an average yield of corn per acre. Winter wheat is a failure. It is the exception where a field paid the expense of harvest. Oats for some reason or other have not done well, and the yield will not exceed 25 bushels per acre. Sorghum cane is considerably above the average in condition. Tobacco has made good growth. Meadows yielded about one ton per acre. Pastures are in fair condition. Irish and sweet potatoes are looking well. Field beans are doing well The fruit crop does not come up to the average. The peach crop is fully one-half short. Farm stock is in good condition and health.

KANE—The prospect for an average yield per acre of corn is very encouraging. Winter wheat yielded about 19 bushels, rye 19 bushels, spring wheat and barley 24 bushels and oats 46 bushels per acre. Meadows yielded nearly two tons of good hay per acre. Pastures are about up to the average condition for this date. Irish and sweet potatoes are doing well There is an increased area of buckwheat sown as compared with last year. Turnips, field beans and peas are all looking well. The fruit crop is nearly a failure. There will be a few apples and grapes. Farm animals are in fair condition and are exceptionally free from disease.

KANKAKEE—Corn has grown rapidly since the recent rains and will make nearly an average yield per acre. The limited area of wheat sown in this county last fall will yield about an average crop. The grasshoppers have injured the oat crop some and the yield will be short of an average. Meadows will not make more than one ton of good hay per acre. Pastures are very short. Broom corn and sorghum cane are looking well. Buckwheat is in fine condition. The same may be said of field beans and peas. The fruit crop is almost a failure. Farm animals are in good health and condition.

KENDALL—The recent favorable weather has made the corn grow very rapidly and the prospect for an average yield is improving daily. The quality and yield of the limited area of winter wheat seeded in this county last fall is good. Rye will yield about 17 bushels, spring wheat 12 bushels and oats 40 bushels per acre. Meadows made about one and one-quarter tons of good hay per acre. Pastures are short. Buckwheat is in good condition with the same area as last season. Turnips are looking well. There is about a half crop of apples, pears and plums. No peaches. Live stock is in good condition and health.

KNOX—Corn has been injured by the drouth and does not give encouragement for an average yield per acre. Winter wheat is well filled and the quality good. The yield will be about 15 bushels per acre. Rye will yield about 17 bushels, spring wheat 12 bushels and oats 53 bushels per acre. Meadows will yield about one and one-fourth tons per acre of good hay. Pastures are not up to the average in condition. Irish and sweet potatoes are doing well. Buckwheat has the same area as last season and its condition is good. Turnips, field beans and peas look well. There is about a half crop of apples, pears, plums and grapes. Farm animals are healthy.

LAKE—The month of July has been very favorable for the growing corn The prospect is good for nearly an average yield per acre and is improving daily. About 60 per cent. of the area of winter wheat sown last fall was left for harvest and the yield will be about 16 bushels per acre. Rye will yield about 20 bushels, spring wheat 22 bushels, barley 32 bushels and oats 35 bushels per acre. Meadows made one and one-half tons per acre. Pastures are in fair condition. Irish potatoes look well. Buckwheat has the same area as last season. Turnips and field beans look well. There is a fair fruit crop. Farm animals are in good health and condition.

LA SALLE—Corn is uneven and fully two weeks late, but has been well cultivated. The prospect is good for nearly an average yield per acre. Winter wheat will yield about 15 bushels and the grain is very good. Rye will yield about 15 bushels, spring wheat 13 bushels and oats about 33 bushels per acre. Meadows yielded about one ton of hay per acre. Pastures were short, but are improving since the late rains. Sorghum cane has made excellent growth. Irish and sweet potatoes look well. About the same area of buckwheat has been seeded as last year. Turnips and field beans and peas are all doing well. There will be about one-third of an average crop of apples and a three-fourths crop of pears and plums. Farm animals healthy and in good condition.

LAWRENCE—The prospect for corn is encouraging for nearly an average yield per acre. The abundant rains of the past week will assure the crop. The yield of wheat per acre will not be more than 6 bushels. The quality is good. About three-fourths of the area seeded last fall was harvested. Oats will yield about 32 bushels per acre. Meadows were short and did not yield to exceed one ton per acre. Broom corn and sorghum cane have done well. Tobacco has not made the usual growth for August 1. Buckwheat has about the same area as last season. Turnips, field beans and peas look well. With the exception of peaches the fruit crop is good. Farm animals are in good health.

LEE—Corn has improved rapidly under the influence of the favorable weather the past two weeks and at this time promises nearly an average yield per acre. Winter wheat will yield about 20 bushels per acre. The grain is good. Rye will yield about 22 bushels per acre; spring wheat about 20 bushels; barley, 30; and oats 42. Meadows were a little light especially the old seeding. The late rains and hot weather has given pastures a new life and their condition is improving. Irish and sweet potatoes have made unusual good growth. Turnips and other root crops are doing well. Apples and peaches will make about one-half a crop. Grapes will not make more than one-fourth of an average crop. The health and condition of farm stock is uniformly good.

LIVINGSTON—Corn has good color but is very uneven and the prospect is not good for more than four-fifths of an average yield per acre. The root web-worm has done considerable damage to corn. The yield of winter wheat will be about 6 bushels per acre; rye 10, barley, 30; oats, 24. Oats have been injured by grasshoppers The quality of hay is above the average but the yield is very much below the average. The condition of pastures is not good owing to the drouth and grasshoppers. Broom corn and sorghum cane are up to the average condition for August. Irish potatoes have not made the usual growth. Buckwheat is not doing well and has not as large an area as last season. Turnips and other root crops have suffered from want of rain. The fruit crop is but little better than a failure. Farm animals are healthy.

LOGAN—Very little over one-third of the winter wheat seeded last fall was harvested. The yield will not exceed 13 bushels per acre. The

recent rains have been sufficient to "make" the corn. The prospect is excellent and the yield will exceed an average. The yield of small grain will average per acre as follows: Spring wheat 17 bushels; oats 43. Meadows will average one and three-fourth tons per acre. Pastures are in very fair condition. Sorghum cane, Irish and sweet potatoes are all up to the average in condition. The area of turnips and other root crops is as large as that of last season and from present prospects there will be an average yield per acre. Field beans and peas are in good condition and promise an average yield. The yield of small fruits was about as follows: Plums 90; grapes 88; blackberries 100. The condition of farm animals is generally good; some cholera among hogs.

MACON—The remarkably favorable weather of the last forty days has brought corn fully up to the average in condition and the prospect is encouraging for a large yield. There was almost an entire failure in the winter wheat crop. Very little threshing done to date but it is safe to say that the average yield per acre will not exceed 7 bushels Spring wheat will yield about 12 bushels per acre. Oats 44. Clover meadows are very heavy but timothy is generally light. The yield will be about one and one-half tons per acre. Pastures were seldom if ever better. Irish and sweet potatoes are doing well and will yield nearly an average crop. Turnips and other root crops are looking well and a large yield may be expected. There will be about two-thirds of an average yield of apples. Small fruits yielded as follows: Grapes 46, blackberries 43. Farm animals are healthy.

MAUCOUPIN—Corn has suffered from the extremes of the weather during the first half of the month; first too dry, then too wet. The chinch bug has injured corn to some extent. The prospect is improving since the recent rains and nearly an average crop may be expected. Not more than one-fifth of the late seeding of winter wheat was harvested and the yield will not exceed 5 bushels per acre. Other small grain will yield about as follows: Rye, 25 bushels per acre: oats, 33. Meadows will not yield more than one ton per acre. Pastures have suffered from want of rain and are very short. The apple crop is fully up to the average. Other small fruits as follows: Pears, 47: plums, 69; grapes, 89; blackberries, 83 and quinces 77. Irish and sweet potatoes are not up to the average in condition. Field beans and peas are in fine condition. Buckwheat is about up to the average in area and condition. Turnips and other root crops are making good growth. Farm animals are healthy.

MADISON—Corn has suffered from the prolonged drouth and chinch bugs, and does not promise an average yield per acre. But little over one-tenth of the wheat seeded last fall was harvested and the yield will not exceed an average of 10 bushels per acre. Small grains will yield about as follows: Rye, 10 bushels per acre; barley, 35; Oats, 42. Meadows will yield about one and one-half tons per acre. Pastures have been doing well until the drouth set in, but at present they are below the average. Broom corn and sorghum cane are hardly up to the average. Irish and sweet potatoes have made unusual growth. Buckwheat is a full average in condition, but below the average in area. Turnips and other root crops are doing well. Apples will make nearly an average crop. Other small fruits yielded as follows: Pears, 87; plums, 94; grapes, 89; blackberries, 93. The health and condition of farm animals is good.

MARION—Corn will not yield more than three-fourths of an average per acre. The drouth has very materially injured the prospect. About three-fourths of the winter wheat area seeded last fall was left for harvest and the yield will be about 7 bushels per acre. Oats are excellent in quality and the yield will be about 26 bushels to the acre. Sorghum cane is doing well. Broom corn is not up to the average condition for August 1. Tobacco is making good growth. Meadows were light and did not exceed one and one-fourth tons per acre. Pastures are in fair condition where not overstocked. Irish and sweet potatoes are not up to the average condition for August 1. Buckwheat has not as large an area as last season and is below the average in condition. The fruit crop is fair and will yield as follows: Apples, 95; pears, 75; plums, 75; grapes, 67 per cent. of an average crop. Farm animals healthy.

MARSHALL—Corn generally has made very good growth and promises nearly an average yield per acre. The corn louse has been working in some fields and has injured the corn more or less. About 60 per cent. of the wheat area seeded was left for harvest and the yield will not exceed 7 bushels per acre. Rye will yield about 13 bushels: spring wheat about 15; barley about 40 and oats 42 bushels per acre. Sorghum cane is not up to the average August 1 condition. Castor beans have made fair growth. Meadows yielded about one and one-half tons per acre, Pastures are very good for this season of the year owing to the favorable rains. Bushwheat is a full average in condition with an area equal to that of 1884. Irish and sweet potatoes are doing well. Turnips and other root crops have made good growth. The fruit is only fair. Farm animals are healthy and in good condition.

MASON—The prospect for corn is encouraging for about four-fifths of an average yield per acre. The storm of July 30th blew a great deal of the corn down. About one-half of the area seeded no winter wheat last fall was left for harvest and the yield will be about 7 bushels per acre. Meadows yielded about one and one half tons per acre. Pastures are not up to the average in condition. Irish and sweet potatoes have made nearly the average growth for August 1. Buckwheat is in fair conditon and the area seeded is about that of 1884. Apples will yield 50 per cent. of an average; pears, 70; plums, 70; grapes, 95. Farm stock is in good condition. No disease of any kind to report.

MASSAC—The prospect for a large yield per acre was never better than at present. Much of the early planting is ready for use, and the yield will be above the average. Winter wheat will not exceed in yield per acre 7 bushels, and in many parts of the county was almost an entire failure. Other small grains will yield as follows: Rye, 4 bushels per acre; oats, 30. Meadows produced about one ton and one-fourth per acre. Pastures are in fine condition owing to the frequent showers. Sorghum cane and tobacco have made good growth. Irish and sweet potatoes are doing well and will yield. Buckwheat is looking well and promises an average yield per acre. Turnips and other root crops are making good growth. Apples will make nearly an average yield. Small fruits yielded as follows: Pears, 92; plums, 125; grapes, 100; blackberries, 101, and quinces, 92. Farm animals are in good health and condition.

McDONOUGH—Corn is in very good condition except where blown down by the wind of July 30. Grasshoppers are very numerous and are injuring the corn to some extent. The yield will be about three-fourths of an average. But little more than one-third of the area

seeded to wheat last fall was left for harvest, and the yield will not exceed 9 bushels per acre. Rye will yield 11 bushels; spring wheat, 10; and oats 35 bushels per acre. Meadows were light and did not yield more than one and one-fourth tons of hay to the acre. Pastures are not up to the average condition for August 1. Irish and sweet potatoes are backward. The prospect for buckwheat is not flattering. The area is less than that of last year. Turnips and other root crops are up to the average in condition. The apple crop is nearly a failure. There is a fair crop of pears, plums and grapes. Farm animals are healthy.

McHENRY—Corn on tiled land looks well and is far advanced, but that on low, wet lands where planted late, is backward and looks badly. The yield per acre will not come up to the average. About three-fourths of the winter wheat seeded last fall was harvested and the yield will average 17 bushels per acre Spring wheat will yield 22 bushels per acre. Other small grain will yield as follows: Rye, 17; barley, 30; Oats, 54. Meadows will yield about one and one-half tons of hay per acre. Pastures are in good condition where not overstocked. Apples will not yield more than one-half of a crop. Other fruits yielded as follows: Pears, 10; plums, 57; grapes, 75; blackberries, 72. Buckwheat will yield more than an average crop. Irish and sweet potatoes are doing well. Field beans and peas are making fine growth. Farm animals are in good condition and health.

McLEAN—The condition of corn is not favorable for an average yield per acre. The early planting will make a larger yield, but the late planting is very backward and irregular owing to the amount of replanting. Not more than one-half of the winter wheat seeded last fall was harvested. The yield will be about 14 bushels per acre. The quality very good. Other small grains will yield about as follows: Rye, 18 bushels per acre; barley 16; spring wheat, 16; oats, 47. Meadows yielded about one and one-half tons of hay per acre. Pastures were doing well until the grasshoppers began to work them two weeks ago. Irish and sweet potatoes are looking well. Buckwheat is in good average condition with an area equal to that of last year. The fruit crop will not exceed 25 per cent. of an average yield. Farm animals are in good health.

MENARD—The condition of corn is up to an average and a large yield per acre may be expected. About two-thirds of the area seeded to winter wheat was harvested and the yield will average 14 bushels per acre. Rye will average about the same per acre as wheat. Oats will make about 45 bushels per acre, Very little threshing has been done to date. Broom corn and sorghum cane are looking well. Meadows yielded about one and three-fourths tons of hay per acre. Pastures are in fair condition for August 1. Buckwheat will make a full average crop. The area is about the same as last year. Field beans and peas and turnips and other root crops are doing well. The fruit crop will be very light. Apples will not make more than one-fourth of an average crop. Farm animals are in fair condition and health.

MERCER—It has been too dry for favorable growth of corn and the prospect is not encouraging for an average crop. The rains of the past few days will greatly benefit the crop. About four-fifths of the area of wheat seeeded last fall was harvested and the yield will be about 10 bushels per acre. Oats will yield about 40 bushels per acre. Broom corn and sorghum cane are not up to the average in condition. The same may be said of Irish and sweet potatoes. Meadows yielded about one and one fourth tons per acre. Pastures are needing rain and are short. Turnips and other root crops are doing well. There is about one-half a crop of apples, pears and plums. Field beans and peas are making the usual growth. Farm animals are in good condition—no disease reported.

MONROE—Corn promises a larger yield per acre than an average at this date but is needing rain. Not one-third of the area of winter wheat seeded last fall was left for harvest and the yield will not exceed 8 bushels per acre. Winter rye will yield about 14 bushels per acre; barley 20; and oats 39 bushels per acre. Broom corn and sorghum cane are about up to the average condition for August 1. Meadows yielded about one and three-fourths tons per acre. Pastures are hardly up to the average for August 1, owing to the drouth. Castor beans are backward and will not make an average yield per acre. Irish and sweet potatoes are making good growth. Turnips and other root crops are doing well. Field beans and peas are not up to the average condition for August 1. The fruits (excepting peaches) are nearly up to an average. Farm animals have suffered with the heat and are not in good condition.

MONTGOMERY—Corn is above the average in condition, and an unusually large yield may be expected. The recent rains have assured the crop. There was not enough wheat grown in this county to make it an item of report. Not more than 3 per cent. of the wheat seeded last fall was harvested Other grain will yield about as follows: Rye, 11; barley, 20; oats, 38. Meadows yielded about one and one-fourth tons per acre. Pastures are about an average in condition. but need rain. Apples will not yield a half crop. Other fruits have averaged about three-fourths of a crop. Tobacco is making unusual growth. Buckwheat is about an average in condition and area. Turnips and other root crops are doing well. Irish and sweet potatoes are looking well. Field beans and peas never looked better. Farm animals generally are healthy.

MORGON—Corn has been injured to a limited extent by the drouth during the past two weeks. There will not be an average yield per acre. There was not more than one-third of the area seeded to winter wheat last fall harvested. The yield will average about 10 bushels per acre. Other grains will yield about as follows: Rye, 15 bushels; oats, 45; meadows yielded about one and one-half tons per acre. Pastures are in full average condition, made unusually heavy growth early in the season and have not been overstocked. Irish and sweet potatoes have not made the average growth for this date There will not be more than a half crop of apples. Other fruits as follows: Pears, 55; plums, 78; grapes, 59: blackberries, 54, Farm animals are in excellent health and condition.

MOULTRIE—Corn in the last twenty days has improved very much, and will make a larger yield per acre than an average. Winter wheat has a fine berry but was very thin on the ground. About one fourth of the area of wheat seeded last fall was harvested. The yield will not exceed 11 bushel per acre. Rye will make about 15 bushels and oats 41 bushels per acre. Meadows yielded about one and a half tons per acre. Pastures are in full condition. There has been just about enough rain to keep them growing. Tobac-

co is growing finely, and will yield about the usual crop. Irish and sweet potatoes seldom ever looked better. Turnips and other root crops are making good growth. Field beans promise an average crop. Apples will make about a two thirds crop. The condition of other fruits is fair. The health and condition of all kinds of farm stock is good.

OGLE—Corn has made remarkably large growth during the past month and promises an average yield per acre, A little over one-third of the area seeded to winter wheat last fall was harvested. The yield will be about 16 bushels Rye will yield about 16 bushels per acre; spring wheat, 14; barley, 27 and oats 37 bushels per acre. Broom corn and sorghum cane are doing well. Meadows yielded about one and one-half tons per acre of good hay. There has been an abundance of rain and pastures are in fine condition. Irish and sweet potatoes have made about the average growth for August 1. Buckwheat, turnips, field beans and peas are doing well. There will be a partial crop of apples, plums and grapes. Farm stock is in good condition and health.

PEORIA—The prospect for an average yield of corn per acre is not encouraging owing to the vast amount of replanting and the injury done by grasshoppers. Not one-half of the area seeded to winter wheat was left for harvest. The yield will be about 12 bushels per acre. Rye will yield 13 bushels; spring wheat 14 bushels and oats 35 bushels per acre. Meadows yielded about one and one-fourth tons of hay per acre. Pastures have been injured by the drouth and are not in good condition. Irish and sweet potatoes are in fair condition. The area of buckwheat is not as large as last season. The fruit crop is very limited. Great many trees winterkilled. Farm animals are in good condition and health.

PERRY—The condition of corn is not up to the average and does not promise more than 90 per cent. of the average yield per acre. Winter wheat was but little better than a failure and the yield per acre will not exceed 5 bushels per acre. Rye will yield about 8 bushels and oats about 27 bushels per acre. Meadows were rather light and did not yield more than one and one fourth tons of hay per acre. Pastures are in fair condition for August 1. Broom corn and sorghum cane are looking well. Castor beans, buckwheat, turnips, field beans and peas are all a little backward in condition. The area of buckwheat is about the same as last year. There will be nearly an average crop of apples, pears, plums and grapes—no peaches' The condition and health of farm stock is good.

PIATT—Corn is in fine condition and promises about an average yield per acre. But little over one third of the winter wheat area seeded last fall was harvested. The yield will be about 11 bushels per acre. Rye will not yield more per acre than 12 bushels. Oats were very heavy and will yield 40 bushels per acre. Meadows as a rule have yielded well, and the hay has been put up in fine order. Pastures where not over-stocked look well. Broom corn and sorghum cane look well. Tobacco has made fine growth. Irish and sweet potatoes are above the average in condition. Buchwheat is about the average in condition and area. There will be a large yield of field beans and peas. The fruit crop will be very small. Farm animals are in good health and condition

PIKE—The corn of this county has been greatly injured by chinch bugs and root worms and the yield will be short of an average. Of the large area of winter wheat seeded last fall in this county not more than one-fifth of it was harvested. The yield will not exceed 7 bushels per acre. Oats will yield about 36 bushels per acre, quality fine. Meadows yielded about one and one-half tons per acre. Pastures are up to the average in condition, where not over stocked. Broom corn is doing well. Irish and sweet potatoes are nearly up to an average in condition. Turnips and other root crops have made good growth. Field beans are looking well. The condition of farm animals is good. No disease of any kind reported.

POPE—The condition of corn in this county is above the average and promises a large yield per acre. But little over two-thirds of the area seeded to winter wheat last fall was harvested and the yield will not exceed 4 bushels per acre. Oats did not come to the expectations in quality or yield. Meadows yielded about one and one-half tons per acre of very fair hay. Pastures are in about an average condition for August 1. Sorghum cane is doing well. Irish and sweet potatoes have made good growth. Turnips and other root crops are in fine growing condition, and have an area equal to that of last year. There is a fair prospect for all the fruits and the yield will be but little less than an average. Farm animals are in good condition and health.

PULASKI—On the hill lands the corn is firing some for want of rain. The drouth has not as yet had any effect on that planted on the low land, and the prospect is enconraging for an average yield per acre. One good rain would assure the crop. Winter wheat has been nearly all threshed and the average yield will not exceed 6 bushels per acre. The quality of the grain is good. Oats filled out well and the yield per acre will be about 35 bushels. Much of the oats are being fed in the sheaf. Meadows are a little better than usual, and yielded one and one-half tons of hay per acre. Pastures are in good condition. Irish and sweet potatoes are doing well. Turnips and other root crops are making excellent growth. Field beans and peas are a little backward. There will be a fair crop of apples, peaches, pears, plums and grapes. Farm animals are in fair condition generally. Some cholera among hogs.

PUTNAM—Corn is growing finely but is full two weeks late and the prospect is not encouraging for more than four-fifths of an average yield per acre. The quality of winter wheat is excellent, but the yield will not be more than 5 bushels per acre. But little over half of the area seeded to wheat last fall was havested. Oats will yield about 32 bushels per acre on an average. Meadows yielded about one and one half tons of hay per acre. Broom corn and sorghum cane are not up to the average in condition. Pastures are in fair condition. Irish and sweet potatoes have not made the usual growth. There will not be more than one-third of the average yield per acre. Other fruits will yield about as follows: Pears 10; plums 15; grapes 39. The The live stock of this county is in unusually good health and condition.

RANDOLPH—The prospect for corn was never better than at this time. The yield will exceed the average should the conditions continue favorable. The quality of winter wheat is good, but the yield will not average more than 7 bushels per acre. About three-fourths of the area seeded to winter wheat last fall was harvested. The oats crop is by far the largest ever grown in the county. The yield per acre will be about 35 bushels. Meadows yielded about one and one-

fourth tons per acre. Pastures are above the average in condition but need rain. Broom corn and sorghum cane are doing well. Irish and sweet potatoes have made fine growth and promise large yields. Apples will yield nearly an average crop. Peaches about three-fourths of an average. Pears, plums and grapes about the average. Condition of farm animals good; no disease of any discription reported.

RICHLAND—Corn is needing rain and much of it suffered from the chinch bug. The prospect is not good for an average yield per acre. The winter wheat of this county was a failure. About two-thirds of the area seeded last fall was harvested and 4 bushels per acre is a fair average for the yield. The quality of oats was never better than at present, but the yield is not large. Irish and sweet potatoes are not up to the average in condition. Buckwheat is not up to the average in condition or area. Field beans have made excellent growth and promise an average yield. The apple crop will be about 90 per cent. of an average yield; pears, 92; plums, 81; grapes, 90; quinces, 80. Meadows yielded about one and one fourth tons of hay per acre. Pastures are below the average in condition. Farm animals are in excellent condition and health.

ROCK ISLAND—Corn is doing well. Has been well cultivated, but is very uneven, owing to the replanting; an early frost would injure the corn crop of this county very much, as the greater portion of the crop is fully two weeks late. There is so little winter wheat raised in this county that it is hardly worthy of mention. Oats have been injured by grasshoppers. The quality is good, but the yield per acre will not exceed 32 bushels. Rye will yield about 15 bushels per acre; spring wheat 20, and barley 20. Meadows will yield about one and one-fourth tons of hay per acre. Pastures are not up to the average in condition. Irish and sweet potatoes have not done well. Buckwheat is about an average in condition and area. Field beans, peas, turnips and other root crops will make an average yield per acre. Farm animals are in good health and condition.

SALINE—The drouth is greatly affecting the prospect for corn. The yield will not exceed three-fourths of an average. Winter wheat has nearly all been threshed and the yield will not exceed 6 bushels per acre. Rye will not average more than 8 bushels and oats 30 bushels per acre. Meadows yielded about one and three-fourths tons of hay per acre. Pastures are not up to the average in condition. Irish and sweet potatoes are doing well. The same may be said of field beans and peas. Broom corn and sorghum cane are not up to the usual condition for August 1. There is a fair prospect for all fruits, excepting peaches which will yield about one-third of a crop. Farm animals are in good, healthy condition.

SANGAMON—Corn is fully ten days late, but should the conditions remain favorable the present crop will be one of the largest ever known in the county. The yield per acre will be considerably above the average. There was about twenty-five per cent. of the winter wheat area seeded last fall harvest, and the yield will not exceed 11 bushels per acre. Oats will yield about 34 bushels per acre, and the area sown is greater than ever known before. Meadows yielded about one and one half tons per acre. Pastures are not quite up to the average in condition. Broom corn and sorghum cane are doing well. Irish and sweet potatoes have made excellent growth Turnips and other root crops are about an average in condition and area. Field beans and peas look well. Apples will yield about half a crop. Other fruits about three-fourths of an average crop. The condition and health of live stock is good.

SCHUYLER—The prospect for corn is not encouraging for more than 87 per cent. of an average yield per acre. The drouth is having more or less effect on the crop Winter wheat will yield about 10 bushels per acre, rye 16 and oats 37 bushels Meadows were heavy and the yield will average about 2 tons per acre. Pastures are needing rain and their condition is not up to the average. Broom corn and sorghum cane are not up to the average in condition owing to the drouth. Irish and sweet potatoes are making fair growth. There will only be a partial crop of apples. No peaches. Field beans are looking well. Farm animals are in good health and condition.

SCOTT—The recent showers have forced a very rapid growth of corn. The prospect is improving daily and nearly an average yield per acre may be expected. Not more than one-sixth of the area seeded to winter wheat last fall was left for harvest. The yield will average about 12 bushels per acre. Rye will yield about 25 bushels and oats 45 bushels per acre. Meadows yielded about 2 tons of hay per acre, Pastures are short and are needing rain. Irish and sweet potatoes are hardly up to the average in condition. Turnips and other root crops are making good growth. There is a fair prospect for apples, pears, plums and grapes, but no peaches. Farm animals are in fair condition.

SHELBY—The prospect for an average yield per acre of corn is improving daily. About three-fourths of the area of winter wheat seeded last fall was left for harvest and the yield will be about 8 bushels per acre. Rye will yield about 16 bushels and oats about 37 bushels per acre. Meadows yielded one and one-half tons per acre of good hay. Broom corn and sorghum cane have made excellent growth. The same may be said of Irish and sweet potatoes. Pastures are a little below the average in condition. More buckwheat sown than usual; its condition is good. Turnips and other root crops are doing well. With the exception of peaches there will be nearly an average fruit crop. No diseases among farm animals.

STARK—The prospect for an average yield per acre of corn is encouraging. Some complaint of grasshoppers and root web worms damaging the corn in some neighborhoods. The limited area seeded to winter wheat last fall will yield about 18 bushels per acre. Rye will yield about the same; spring wheat about 16 bushels and oats about 37 bushels per acre. Broom corn and sorghum cane are doing well. Meadows yielded one and three-fourths tons of hay per acre. Pastures are in fair condition. Irish and sweet potatoes have made good growth. The area of buckwheat is about that of 1884 and its condition is good. There will be about a half a crop of apples and nearly an average crop of plums. Farm stock is in good health and condition.

ST. CLAIR—The prospect for corn is encouraging for more than an average yield per acre. About one-half of the area seeded to winter wheat last fall was harvested. With very few exceptions there are no fields of wheat that will pay expenses. Rye will yield about 17 bushels and oats about 40 bushels per acre. Timothy meadows yielded one and one half tons of hay per acre. Broom corn and sorghum cane are doing well. Turnips and

other root crops are making rapid growth. Castor beans are looking well. The fruit crop will yield about as follows; Apples, 87 per cent. of an average; pears, 75: plums. 100; grapes, 67 The condition of farm stock is always good in this county. German farmers always take good care of their stock.

STEPHENSON—The prospect for corn is very good and a full average yield per acre may be expected. The recent storm blew down a great deal of the corn and injured to some extent. The limited area of winter wheat sown last fall in this county will yield about 8 bushels per acre; the berry is very good Rye will yield about 18 bushels per acre; barley, 22 bushels; oats, 32 bushels. Broom corn and sorghum cane are doing well. Tobacco has made good growth. Irish and sweet potatoes are up to the average in condition. The same may be said of field beans and peas and turnips, and other root crops. No apples; pears, plums and grapes will yield about two-thirds of a crop. Meadows yielded about one and one-half tons of hay per acre. Pastures are in fine condition where not overstocked. The condition and health of farm animals is good.

TAZEWELL—The first planting of corn is making splendid growth. Much of the crop is fully two weeks late and there is some danger of injury by early frost. The prospect is good for nearly an average crop. The quality of winter wheat is excellent. Nor more than half of the wheat seeded last fall was harvested. The yield will be about 8 bushels per acre. The grasshoppers worked the oats badly and injured them very much. The yield will be about 35 bushels per acre. Meadows averaged about one and one-half tons per acre. Pastures are doing well. The fruit crop generally is 50 per cent. short of an average. Irish and sweet potatoes nearly an average in condition. There is a large increase in the area of buckwheat sown this season as compared with 1884; condition good.

UNION—The prospect is good for a large crop of corn and should the conditions remain favorable a full acreage yield per acre may be expected. Winter wheat will yield about 9 bushels per acre. The berry is good. Barley will yield 18 bushels and oats 25 bushels per acre. Broom corn and sorghum cane are doing well. The area of buckwheat is abont the same ss last season and the condition is good. Meadows yielded about one and one-half tons of hay per acre. Pastures are not up to the average in condition for August 1. Field peas and beans have made good growth and promise an average crop. Fruits of all kinds (excepting peaches) will yield nearly an average crop, Peaches will yield about one-third of a crop Farm animals are healthy and in good condition.

VERMILLION—The prospect is encouraging for an average yield per acre of corn Not more than one-sixth of the area seeded to wheat last fall was left for harvest. The yield will be about 11 bushels per acre Rye will yield 15 bushels and oats about 47 bushels per acre. Meadows were very light and did not yield more than one ton per acre on an average throughout the county. Pastures are above the average for August 1. Sorghum cane has made good growth. Irish and sweet potatoes are doing well. The same may be said of turnips and other root crops There will be about one-third of an average crop of apples, other fruits (excepting peaches) will yield about three-fourth of an average crop. Farm stock is in good health and condition.

WABASH—The corn crop generally looks well and is in a fine state of cultivation, and gives encouragement for nearly an average yield per acre. The yield of wheat in many fields was larger than was expected. The general average of the county for this season will not exceed 8 bushels. Oats will make a full average yield per acre. Quality good and harvested in good condition. Meadows yielded one and one-half tons of hay per acre. Broom corn and sorghum cane are looking well. Tobacco has made good growth. Pastures until within the past ten days have been good: the want of rain is cutting them short. Irish and sweet potatoes have made good growth. The area of buckwheat sown is larger than that of 1884, and its condition fully up to an average. Apples and other fruits (peaches excepted) will make nearly an average crop. Farm animals are in good condition and health.

WARREN—The drouth has injured the corn to some extent. The prospect is good for nearly an average yield per acre. Winter wheat will yield about 13 bushels per acre and the grain is very good. The yield of oats will average about 36 bushels per acre and quality is good except where injured by grasshoppers. Meadows yielded about one and one-fourth tons per acre. Pastures need rain and do not come up to the average in condition, Broom corn and sorghum cane look well. Irish and sweet potatoes are not up to the average in condition. Buckwheat has made good growth and the area sown is less than that of last season. Turnips and other root crops, field beans and peas are all doing well. But little over half of the usual fruit crop is expected.

WASHINGTON—Corn is looking well but is needing rain. The prospect is good for an average yield per acre. Winter wheat will yield about 7 bushels per acre and the quality is good. Oats will yield about 36 bushels per acre; rye 11 bushels per acre. Meadows yielded one and three-fourths tons per acre. Pastures are not quite up to the average in condition. Tobacco has made fine growth. Irish and sweet potatoes are above the average in condition. Field beans and peas look well. Apples will yield more than an average crop, other fruits will yield a fair crop. The condition of farm animals is not as good as usual. No disease reported.

WAYNE—The prospect for a large crop of corn is the finest for a number of years; with a good rain the crop will be assured. The chinch bug in some portions of the county has injured the corn to a limited extent. About two-thirds of the wheat seeded last fall was harvested, and the yield will not exceed 6 bushels per acre. Rye will yield about 15 bushels and oats 30 bushels per acre. Meadows are very light, and will not yield more than three-fourths of a ton per acre. Pastures are getting short owing to the want of rain. Broom corn and sorghum are doing well. Tobacco has only made fair growth. Irish and sweet potatoes are about the average in condition. Buckwheat is fully up to the average in condition with an area equal to that of 1884. Turnips and other root crops are backward. The apple crop will be but little short of an average. There will be about a half crop of pears, plums and grapes. Farm stock in good condition and health.

WHITE—Corn has been well cultivated but is needing rain. There is some complaint of chinch bugs. The prospect is good for about an average yield per acre. About three-fourths of the winter wheat seeded last fall was harvested and the yield per acre will not

exceed 9 bushels. The yield of oats will be about 35 bushels per acre The quality was never better. Meadows were very light and less than one ton of hay was harvested per acre. Pastures need rain very much and are not in good condition. Irish and sweet potatoes are not up to the average in condition. The prospect is not good for more than three-fourths of an average yield of buckwheat per acre. There will be about three-fourths of an average crop of fruits. No disease among farm animals.

WHITESIDE—The prospect for a larger yield per acre of corn than an average is encouraging. The yield per acre of winter wheat will be about an average on the limited area seeded in this county last fall The same may be said of rye Meadows yielded about one and one-half tons of hay per acre. The abundant rains have kept pastures in good condition and the grass has made a heavy growth. Broom corn and sorghum cane are looking well. Irish and sweet potatoes are up to the average in condition for August 1. Buckwheat has about the same area as last season. Condition good. Field beans and peas have made the usual growth for August 1. There will be only a partial crop of apples, pears and plums. Farm animals are healthy.

WILL—Much of the growing crop of corn is late, but the present condition is good, the weather warm and the rains seasonable. The limited area of winter wheat seeded in this county last fall will yield about 17 bushels per acre. Rye will yield 18 bushels, spring wheat 15 bushels and oats 37 bushels per acre. Meadows were short and did not yield more than one ton per acre. Pastures are nearly up to an average in condition. Buckwheat has about the same acreage as last season; the condition is not up to average. Castor beans are looking well. There is not much more than one third of a crop. Tobacco has made good growth. Farm animals are in good health and condition.

WILLIAMSON—The prospect is encouraging for an average yield per acre of corn. There was a little over one-half of the area of winter wheat seeded last fall left for harvest. The quality of the grain is good. Oats will yield about 28 bushels per acre Broom corn and sorghum cane are doing well. Tobacco has made the average growth for August 1. Meadows yielded about one and one-half tons of hay per acre. Pastures are not in good condition. Irish and sweet potatoes have made the usual growth for August 1st. Turnips and other root crops are doing well. Field beans and peas are in fine condition There is nearly an average crop of apples, pears, plums and grapes. Farm animals are healthy and in good condition.

WINNEBAGO—The weather for the past month has been very favorable to the rapid growth of corn and the prospect is good for an average, or even better, yield per acre But little over half of the limited area seeded to winter wheat last fall was harvested and the yield will not exceed 8 bushels per acre. Rye will yield 13 bushels; spring wheat 15 bushels; barley 27 bushels, and oats 39 bushels per acre. Meadows yielded about one and one-quarter tons per acre. Broom corn and sorghum cane look well. Tobacco has made the usual growth for this date. Irish and sweet potatoes are doing well. Buckwheat has about the same area as last season. The fruit crop will be very short. Farm animals are healthy and in good condition.

WOODFORD—Corn is fully up to the average in condition, excepting some pieces that were replanted late. The prospect is encouraging for an average yield per acre. Winter wheat will yield about 20 bushels per acre and the quality is very good. Rye will yield about 21 bushels, spring wheat 10 bushels, and oats 28 bushels per acre. Broom corn and sorghum cane have made good growth Irish and sweet potatoes are above the average in condition for August 1. The area seeded to buckwheat is about the same as last season, and the condition is good. Meadows yielded a fair crop of hay. The grasshoppers were very numerous and did some damage to meadows and oats. Turnips and other root crops are making the usual growth. The fruit crop is nearly a failure. Farm animals are in good health and condition.

SILKWORM NOTES.

By Charles Woodworth, B. S., Champaign, Ill.

SILKWORM DISEASES.

Before entering upon any extensive enterprise it is always wise to first thoroughly understand the difficulties to be encountered and the best means of overcoming them.

The greatest impediments to silk culture are due to the diseases to which silkworms are susceptible.

These have been so bad in this section of the country, that a success with a large brood is the exception rather than the rule.

Thus far these failures have been due to one of two diseases. The the first and most important is due to the presence of *Micrococci* which retard the development of some of the tissues until the natural fatty degeneration kills the worm.

This disease does not make its appearance until the worms are about ready to spin, i. e. near the end of the last age. The body of the affected worms assumes a somewhat granular, yellow color instead of the natural, bright semi-transparent hue. This change of color also differs from the normal change, in that the yellow is first on the middle of the segment, instead of at the ends. The skin becomes soft and tender, breaking at the least fall, and allowing the yellow body fluid to escape much more readily than wounds of equal size would in healthy worms. The affected worms become very restless, crawling about and shrinking in size from loss of blood until they finally die.

A few spin cocoons, which are generally soft, often bright orange, and sometimes so thin that the pupa or dead worm may be seen within. Some of the worms even pupate without spinning and from these pupæ moths may emerge which will sometimes deposit their eggs.

When a brood of worms is attacked by this disease, generally very few survive. I have seen a brood from two ounces of eggs (80,000 worms) that barely made a hundred cocoons.

The other disease is also due to *Micrococcus* very similar to the preceding, but which is more active, acting directly on the tissues and killing the worm. It is very similar to "flasherie," so well known in France, but which is supposed not to be found in this country.

The worms are killed by this disease in all ages, possibly worse in the last two. The first symptom of this disease is the appearance of black spots on the body, later the body substance becomes fluid as in the former disease, but this fluid is brown or black and the yellow color does not appear in the skin. Moreover the skin remains comparatively strong and firm until long after death. They do not show that restless manner, noticeable in the former disease, but seem to eat till the last moment.

Finally when they die they may usually be found hanging limp, by the claws of one or more feet, the whole body becoming black. This disease does not seem to take the whole brood so often as the former, but often the greater part is lost.

Now comes the question: What shall one do if he finds these diseases appearing among his worms?

In the first place carefully "weed out" all that show signs of the disease. Then thoroughly clean the room and everything connected with the worms, and finally give them more room and more to eat, and you may save part of your crop; but to be really successful, one must not let the diseases appear; by,

First—Getting good eggs free from disease and from carefully selected stock, so that the worms will not be predisposed to disease. After obtaining a good race, raise your own seed, and so be sure to keep it.

Second—Keeping everything fresh and clean about the worms.

Third—Never letting the cocoonery become damp or mouldy.

Fourth—Giving the worms plenty of fresh air and room, and,

Lastly—By being sure that they get all they can to eat.

By bearing these simple rules in mind, I think there need be but little loss on account of silkworm diseases.

DOES SILK CULUTRE PAY?

No question has been asked me oftener by persons contemplating raising silkworms than "Does it pay?"

To some it seemed unexplainable why in this country, where wages are high, the silk grower could compete successfully with the cheap labor of France and Italy. Undoubtedly if other things were equal this condition of affairs would give the French and Italian silk growers a very great advantage. But are the other conditions equal? In the first place, the races of worms in this country are, on the whole, freer from disease and consequently greatly reduce the chance of failure.

Another point is the cheapness of the food as compared with that of the old countries where the mulberry trees are very valuable, and to buy leaves would eat up nearly all their profits.

Aside from these considerations there is another phase of this question. In the old silk-growing countries all available labor finds employment in the mills and factories, so that the time devoted to silk culture must be taken from other profitable employment, while in this country there is a very great number that could raise silkworms who are not thus employed.

Thousands of boys and girls during school vacation have absolutely nothing to do, who would be glad for a chance to make a few dollars.

Hundreds of girls on the farm or in villages, who cannot work in the fields, would, in this industry, find labor in any degree of hardness they may wish, according to the amount of worms fed.

Many old people and invalids who find time drag heavily on their hands, find a great amount of amusement in feeding a few worms.

In all these cases it is evident that the question of cheap labor has no bearing at all. So that the silk question in America is simply the using of food which is going to waste by labor which is also unused, so that almost the total product is profit.

We will now consider what can be made in dollars and cents. The following estimate is made for an ounce of eggs, or 40,000 worms. A person could probably take care of two ounces, but for a beginner I would not advise more than a quarter of an ounce until he got experience in feeding and handling them:

1 ounce is 40,000 worms. 300 fresh cocoons weigh 1 pound. Maximum number of pounds in 1 ounce, 133; deducting 25 per cent. as loss in rearing (which is large), 100; 100 pounds at 30 cents (price in 1884), $30.

This is for six weeks work and does not include the cost of eggs, racks, etc., which should not cost much, since the former should be raised by yourself, and the latter can be used many years.

ON SOME ILLINOIS LOCUSTS.

(GRASSHOPPERS.)

In the northern half of the central portion of the State has occurred this year an extraordinary outbreak of a few of our common native locusts, or grasshoppers as they are more generally called, which has resulted in very considerable injury to the various hay crops, to oats, to corn, and to many garden and nursery plants. I think that no equal development of these species has ever occurred in Illinois, and as it is by no means certain that they will not, next year, be more abundant and injurious than this, it is well worth the while of those whose crops are exposed to them, to become as fully acquainted as may be with their life, history and habits, and with such partial remedies for their ravages as have thus far been devised.

The region over which those locusts have been extensively numerous this year is nearly circumscribed by a line running from the mouth of Rock River to LaSalle, thence down the Illinois Central Railroad to Bloomington, and from there to Quincy. Considerable mischief has however been reported to the eastward of this line as far as Champaign and Paxton, but nearly all the accounts of serious mischief have come to me from the vicinity of Galesburg and Peoria, in the triangular region between those points and the Illinois River to the southward of the former place.

THE SPECIES.

The locusts responsible for the mischief reported are the two which are commonly most abundant in autumn throughout this whole district, viz: the red-legged locust, *Pezotettix femur rubrum*, and the olive locust, *Pezotettix differentialis*. The former of these is the always abundant and thoroughly well-known small, brown grasshopper so common in grass lands in autumn, distinguished from all the other species with which it is at all likely to be confounded by its small size (about an inch in length with its wings closed) its dull brown color, the brownish red patch upon each side of the prothorax, or "neck" immediately behind the head, and by the minute, dusky spots extending irregularly down the middle of the front wings or wing covers. This species when abundant, and especially when it swarms, as it occasionally does, is very generally mistaken for the far more notorious Rocky Mountain locust, to which it bears, indeed, a very close resemblance, differing however, especially, in the very important particular that its wings are on an average decidedly shorter. The dusky specks upon the middle of the wing cover of the western species are also usually blacker and sharper than in the red-legs, and the patch upon the side of the "neck" is more irregular, being frequently broken up into small, disconnected spots.

The olive locust is much larger and heavier than the other, is yellowish or olive green in color, the wings plain, not longer than the body, and there is no quadrate patch upon the sides of the neck; the color, in fact, being nearly uniform.

LIFE, HISTORY AND HABITS.

These locusts are single-brooded as far as observed; they hibernate in the egg, hatching in midsummer; pass through five successive moults, gaining their full size, and with this their wings, in August; and commence to lay their eggs in September. The females deposit these in the earth, boring cylindrical holes for the purpose with the abdomen, and laying the eggs in a symmetrical mass within the burrow thus formed. With the egg mass is extruded a quantity of mucus which soon hardens and forms a sort of case or matrix in which the eggs are imbedded. The upper part of the hole is also filled with this mucus. The female is commonly busied from two to four or five hours in the deposit of a single egg mass, and lays ordinarily, from two to four such masses in different holes, upon different days, commencing this process of oviposition, as a rule, about a month after she has acquired her wings. After this process is completed, the exhausted females soon perish. They select by preference, for oviposition, hard and dry ground, roadsides and pastures being especially favorite localities. Meadows and pastures are commonly resorted to by the mature females, especially the latter, as the eggs seem not to be laid ordinarily on ground covered by luxuriant vegetation. I have never known them deposited in cultivated earth.

The food habits of these locusts are extremely simple, and consist in eating nearly every thing that comes in their way. They are quiet by night, and, indeed, as they mature they select elevated positions as roosts, climbing to the tops of stems of grass in meadows, to the tassels of the stalks in corn fields, and even deserting fields of low herbage if they can find more elevated roosting points near by. When very abundant, and when the weather continues dry, they occasionally swarm like the Rocky Mountain locust, but rarely flying continuously to any great distance, or indeed, taking any definite course.

INJURIES.

The first decided injuries reported this year were to oats, which the grasshoppers commonly invaded when driven out of the meadows by the harvesting of the hay. This crop being already headed, the insects attacked it by climbing the stems and eating off the pedicels of the oats so that the grain dropped to the ground, many fields being thus almost entirely destroyed, and others reduced in yield from five to ten or fifteen bushels per acre. In some cases the entire head was eaten off, and dropped to the ground. Considerable annoyance was occasioned in harvest fields by the grasshoppers eating the twine bands so that the bundles fell apart. After the oats were harvested the pests frequently took refuge in adjacent corn fields, working at first around the borders of the fields, but later, in some situations, scattered almost uniformly through their entire area. Here a very serious damage was done, especially if the corn was a little late, by their eating off the silk at the tip of the young ear as fast as it fruited and likewise eating out the stamens from the tassels, the necessary consequence being to prevent the fertilization of the grain and consequently to occasion the blasting of the ear. Some farmers in the regions worse infested have reported to me that their fields were entirely ruined, but, commonly, the principal mischief was confined to the ten or twenty outer rows. In gardens, potatoes, cabbages, raspberries and strawberries have suffered materially, and in nurseries the foilage upon the young stock had in many cases been completely eaten away.

The injuries here reported are not by any means peculiar to this year, but in all respects similar to those which have been charged to these insects at intervals from the earliest period in the settlement of the country. The years 1868 and 1869 seem however to have been the worst locust years in Illinois.

The latest important attack is that made upon the after-growth in meadows, especially in clover fields, where the blossoms have often been eaten off as fast as they formed, so that no seed has developed, and the leaves have been so riddled that the clover was worthless for hay. Indeed, fields of young clover have come under my observation which were completely eaten up and killed after harvest.

PROGNOSIS.

To estimate the probabilities for the future it is necessary to take into account the cause of this locust outbreak and the natural influences which tend to limit and suppress it. As to the former, it is unquestionably to the weather of last autumn and of the present season that the unexampled multiplication of these insects is to be attributed. In the region where they are most numerous the season has been dry, as was also the weather of last fall, and throughout the whole area especially affected the rain has fallen in showers and short storms, no long and soaking rains having occurred. The general average of the temperature has also been high and much of the weather extremely hot. It is to a change in the weather in these respects and to the attacks of predaceous enemies that we have to look for an arrest of this rising wave of insect life. Our grasshoppers are liable to destruction by a very considerable variety of vertebrate and insect enemies, and an estimate of the relative abundance of these has much to do with our judgment of the probabilities of the continued multiplication of the grasshoppers themselves. Almost the only noticeable enemies of the species we have observed this fall are the blister beetles, the red mites, and the hair worms. Throughout the whole grasshopper region, we have found the common blister beetles (often called the old-fashioned potato beetles) especially abundant. They are slender, soft-bodied beetles, one of them, *Epicanta vittata*, with alternate stripes of yellow and black, and the other, *Epicanta cinerea*, dull black, with the wing covers margined with gray. The fact seems not to be generally known, except to entomologists, that the larvæ of these beetles feed exclusively upon the eggs of grasshoppers as far as we are acquainted with their habits, and the abundance of these beetles at the present time is consequently a very hopeful element in our calculations for the future.

The red mites often seen clinging to the wings of grasshoppers are likewise peculiarly destructive enemies, sucking the blood of the adults and later devouring also the eggs in the earth. These mites pass through a peculiar metamorphosis. The small, red, six-legged forms seen upon the wings, drop to the earth, and after a time, shedding their skins, emerge as eight-legged mites, covered with a crimson, velvety pile. These adults, about half as large as a grain of wheat, are often seen in gardens in spring, and are indeed known as the red garden mite. Although grasshoppers are frequently encountered badly infested by these mites, still they are not yet sufficiently abundant to make it likely that they will contribute materially to the suppression of next year's brood.

The white hair worms we have found unusually numerous in sod where they are now coiled up in cavities among the grass roots, but I have not as yet seen any evidence that they have appreciably diminished the number of the grasshoppers. I am therefore, on the whole, quite of the opinion that if the weather another year should prove favorable to the multiplication of the locusts, their parasitic and other enemies have not yet become sufficiently numerous to prevent their reaching even greater numbers and doing more serious mischief than the present season.

REMEDIES.

Three facts respecting the grasshoppers suggest the only remedies which I have found at all feasible for their destruction. (1.) They are excessively sensitive to kerosene, and are very readily destroyed by minute quantities of it. (2.) As already mentioned, late in the season they roost at night at a little distance above the ground and are rendered sluggish by the damp night air. (3.) At other times they easily take flight and may be driven from point to point by proper measures. It may also be worth while to add that when ground densely stocked with their eggs, such as high, hard pasture lands, can be conveniently plowed in autumn, this will help to diminish their numbers, by breaking up the cells in which the egg masses are contained, and thus exposing the latter to the influence of the weather. Kerosene is most readily used in a shallow, oblong sheet-iron pan, with an elevated back, so arranged that it may be drawn along the ground by two men, one at either end This simple apparatus was very extensively used in Nebraska and other Western States during the last invasion, and apparently gave far more satisfaction as a means of destroying the young locusts, than any other device employed. A small quantity of kerosene poured into the bottom of the pan is sufficient to kill a great number of the insects, even those which hop out of the pan almost

invariably dying afterwards. The pan used by us was eight feet in length, a foot from front to back, with the back a foot and a half high, and to the bottom rods of iron were fastened projecting two feet forwards and curving upwards slightly at the ends, the purpose being to stir up the grasshoppers in advance of the pan, without bearing down the grass. Various forms of this apparatus may readily be constructed for use on a larger scale, and to be drawn by horses instead of by men. As the grasshoppers invade corn fields they may very readily be driven out again by an oblique row of men and boys passing between the rows of corn, each person brushing against two rows at a time, those having the inmost rows marching farthest to the front. As this oblique line proceeds, the grasshoppers are driven from row to row, and, finally, out of the field, more than nine-tenths of those in the corn being thus expelled at a single trial, in our experiments. If the outer end of this row of men be followed by a kerosene pan, immense numbers of these grasshoppers may be effectually disposed of. In gardens and potato fields, by a similar process, the grasshoppers may be easily beaten to one side of the field and then captured either by means of the kerosene pan or by the cheap and simple apparatus next to be described.

This consists of a simple bag of muslin, in our experiment, eight feet long by four feet in depth, the mouth of which is so extended upon two parallel sticks that it is about eight feet long by a foot and a half wide when held open. The ends of the sticks may conveniently extend beyond the bag, so that this may be carried by two men, one at either end. This is especially useful after sunset or very early in the morning when the locusts are at roost. If those carrying the bag walk somewhat rapidly along, from two-thirds to three-fourths of the grasshoppers encountered may be readily captured by its means. Stopping at intervals, closing the mouth of the bag by bringing the sticks together, and shaking the grasshoppers down into one corner, they may then be readily killed by pouring them out in a vessel containing a film of kerosene on water. This we have found especially useful for protecting garden vegetation, nursery stock, and the like.

Whether it will become necessary to take general measures against these pests another season will depend largely upon the developments of this fall and next spring. If, at the latter time, the eggs are found abundant in the earth, the great mass of them uninjured and ready for hatching, defensive measures will unquestionably be important. With respect to these points, the readers of these crop reports will be duly informed.

COST OF CREAMERIES.

DeKalb, Ill., July 25, 1885.

To the Illinois Department of Agriculture :

Having been informed that communities in various parts of the State have been imposed upon by parties traveling over the country for the special purpose of organizing companies to construct creameries, I inclose you estimates of the necessary cost of constructing and equipping creameries for whole-milk work—that is where the milk is taken to the factory, and also for gathered cream work, that is when the cream is raised at the farm and is skimmed and gathered by an agent of the creamery. To make the same amount of butter, the whole-milk work or system requires much the largest investment, as the milk is four to five times as bulky as the cream from the milk, which fact necessitates more room. I am satisfied from my experience in building whole-milk factories that one to handle and manufacture into butter and cheese 15,000 pounds of milk per day, to be fitted up with centrifugal cream separators, and all other necessary machinery, and an ice house, can be built for $4,000. The water supply is not in this estimate. Its cost depends on circumstances. It is necessary to have a reliable supply from some source.

A gathered cream factory with capacity to make 1,000 pounds of butter per day, can be built and furnished complete, including ice house and well, for $2,000.

Plenty of pure water is a necessity in all creameries, and the colder it is the better. The first season that I operated a gathered cream factory, I made 500 pounds per day, and the investment in building vats, churns, boiler, engine and tubular well and other necesaries, except ice, was not in excess of $500, but every thing was worked to its full capacity, including myself as butter maker.

Most Respectfully Yours,

H. B. Gurler.

President Illinois Dairymen's Association.

WINTER WHEAT.

COUNTIES.	Area seeded, fall 1884	Acreage winter-killed and destroyed	Acreage harvested	Yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Adams	64,127	42,965	21,126	6	126,972	$0 90	$114,275	$10 85	$229,608		$115,333
Alexander	8,024	802	7,222	7	50,554	88	44,487	12 60	90,997		46,510
Bond	32,843	27,916	4,927	7	34,489	95	32,764	10 45	51,487		18,723
Boone	584	350	234	5	1,170	*86	1,006	11 40	2,668		1,662
Brown	21,907	2,191	19,716	6	118,296	86	101,734	10 60	208,999		107,256
Bureau	717	93	624	*9	5,616	*86	4,830	10 00	6,240		1,410
Calhoun	21,110	13,299	7,811	10	78,110	97	75,767	13 60	1 1,543		25,776
Carroll	3,082	770	2,312	*9	20,808	*86	17,895	11 75	27,166		9,271
Cass	18,323	7,696	10,627	9	95,643	87	83,209	11 25	119,554		36,345
Champaign	29,075	17,445	11,630	*9	104,670	*86	90,016	11 25	130,837		40,821
Christian	59,680	47,744	11,936	7	83,552	89	74,361	10 95	130,699		56,338
Clark	28,223	19,474	8,749	7	61,243	90	55,119	9 75	85,303		30,184
Clay	20,110	10,256	9,854	8	78,832	95	74,890	10 40	102,482		27,592
Clinton	67,415	64,044	3,371	2	6,742	96	6,472	11 45	38,598		32,126
Coles	26,785	23,571	3,214	7	22,498	90	20,248	10 20	32,783		12,535
Cook	106	26	80	*9	720	*86	619	1 50	840		221
Crawford	25,739	10,553	15,186	7	106,302	81	86,105	9 85	149,582		63,477
Cumberland	25,161	16,103	9,058	8	72,464	88	63,768	8 80	79,710		15,942
DeKalb	147	15	132	*9	1,188	*86	1,022	11 30	1,492		470
DeWitt	6,391	3,707	2,684	12	32,208	70	22,546	8 95	24,022		1,476
Douglas	9,621	6,446	3,175	8	25,400	85	21,590	10 85	34,449		12,859
DuPage	209	50	150	*9	1,350	*86	1,161	12 25	1,837		676
Edgar	40,002	36,002	4,000	5	20,000	92	18,400	9 30	37,200		18,800
Edwards	17,246	8,623	8,623	4	34,492	80	27,594	10 90	93,991		66,397
Effingham	29,545	20,977	8,568	6	51,408	98	50,380	10 65	91,249		40,869
Fayette	36,888	30,617	6,271	6	37,626	94	35,368	8 15	51,109		15,741
Ford	447	179	268	10	2,680	85	2,278	9 35	2,506		228
Franklin	5,247	2,414	2,833	6	16,998	84	14,278	8 25	23,372		9,094
Fulton	35,262	9,168	26,094	10	260,940	*86	224,408	9 65	251,807		27,399
Gallatin	37,720	12,448	25,272	10	252,720	87	219,866	10 15	256,511		36,645
Greene	55,137	50,175	4,962	5	24,810	85	21,088	11 25	55,822		34,734
Grundy	105	26	79	*9	711	*86	611	10 70	845		234
Hamilton	22,827	5,707	17,120	5	85,600	92	78,752	8 95	153,224		74,472
Hancock	30,548	14,357	16,191	8	129,528	92	119,166	11 40	184,577		65,411

Hardin	2,203	485	1,718	15	25,770	80	20,616	9 65	16,579	$4,037	.....	
Henderson	3,531	353	3,178	9	28,602	*86	24,598	9 70	30,827	.....	6,229	
Henry	277	.....	277	15	4,155	80	3,324	12 10	3,352	...	28	
Iroquois	3,900	2,628	1,872	12	22,464	85	19,094	9 25	17,316	1,778	.....	
Jackson	38,873	9,718	29,155	3	87,465	86	75,220	9 85	287,177	.....	211,957	
Jasper	24 986	23,737	1,249	*9	11,241	*86	9,667	6 80	8,493	1,174	.....	
Jefferson	46,045	19,339	26,706	5	133,530	85	113,500	9 65	257,713	.....	144,213	
Jersey	55,071	52,317	2,754	10	27,540	95	26,163	11 90	32,773	.....	6,610	
JoDaviess	3,261	2,283	978	16	15,648	75	11,736	12 20	11,932	.....	196	
Johnson	14,349	3,587	10,762	2	21,524	90	19,372	7 50	80,715	.....	61,343	
Kane	122	4	118	19	2,242	91	2,040	15 15	1,788	252	.....	
Kankakee	1,994	399	1,595	*9	14,355	88	12,632	10 05	16,030	.....	3,398	
Kendall	72	.....	72	25	1,800	90	1,620	12 05	868	752	.....	
Knox	3,420	445	2,975	15	44,625	1 00	44,625	11 30	33,617	11,008	.....	
Lake	288	115	173	16	2,768	87	2,408	10 90	1,886	522	.....	
LaSalle	2,549	153	2,396	15	35,940	84	30,190	10 90	26,116	4,074	.....	
Lawrence	30,173	8,448	21,725	6	130,350	80	104,280	12 70	275,907	.....	171,627	
Lee	180	45	135	20	2,700	*86	2,322	11 25	1,519	803	.....	
Livingston	377	94	283	6	1,698	*86	1,460	11 25	3,184	.....	1,724	
Logan	27,597	17,931	9,656	13	125,528	80	100,422	10 30	99,457	965	.....	
Macon	22,984	21,375	1,609	9	14,481	87	12,598	9 85	15,849	.....	3,251	
Macoupin	49,638	41,199	8,439	5	42,195	91	38,397	11 40	96,205	.....	57,808	
Madison	91,066	81,049	10,017	10	100,170	94	94,160	11 65	116,698	.....	22,538	
Marion	43,829	10,957	32,872	6	197,232	75	147,924	8 75	287,630	.....	139,706	
Marshall	780	312	468	7	3,276	90	2,948	10 65	4,984	.....	2,036	
Mason	9,191	4,595	4,596	7	32,172	75	24,129	10 00	45,960	.....	21,831	
Massac	17,102	3,420	13,682	7	95,774	82	78,535	11 75	160,763	.....	82,228	
McDonough	10,723	6,755	3,968	9	35,712	82	29,284	10 10	40,077	.....	10,793	
McHenry	629	157	472	17	8,024	89	7,141	10 70	5,050	2,091	.....	
McLean	5,179	2,641	2,538	14	35,532	82	29,136	10 40	26,395	2,741	.....	
Menard	30,379	9,721	20,658	14	289,212	85	245,830	10 30	212,777	33,053	.....	
Mercer	481	96	385	*9	3,465	*86	2,980	10 20	3,927	.....	947	
Monroe	65,351	46,399	18,952	8	151,616	91	137,970	13 95	264,380	.....	126 410	
Montgomery	75,898	73,621	2,277	8	18,216	88	16,030	9 90	22,542	.....	6,512	
Morgan	35,035	23,123	11,912	10	119,120	97	115,546	11 50	136,988	.....	21,442	
Moultrie	13,880	10,410	3,470	11	38,170	72	27,482	9 75	33,832	.....	6,350	
Ogle	3,471	2,187	1,284	16	20,544	70	14,381	10 45	13,418	963	.....	
Peoria	6,297	3,652	2,645	12	31,740	90	28,566	11 00	29,095	.....	529	
Perry	31,557	4,733	26,824	5	134,120	88	118,026	9 55	256,169	.....	138,143	
Piatt	9,839	6,198	3,641	11	40,051	85	34,043	10 65	38,777	.....	4,734	
Pike	83,917	69,651	14,266	7	99,862	85	84,883	12 95	184,745	.....	99,862	
Pope	19,513	6,829	12,684	4	59,736	*86	43,633	9 25	117,327	.....	73,694	
Pulaski	8,804	1,321	7,483	6	44,898	85	38,163	10 70	80,068	.....	41,905	
Putnam	951	428	523	5	2,615	80	2,092	9 85	5,151	.....	3,059	
Randolph	89,325	22,331	66,994	7	468,958	93	436,131	11 50	770,431	.....	334,300	
Richland	20,147	7,051	13,096	4	52,384	78	40,859	9 95	130,305	.....	89,446	
Rock Island	230	.....	230	*9	2,070	90	1,863	11 45	2,633	.....	770	
Saline	11,767	2,353	9,414	6	56,484	85	48,011	7 70	72,488	.....	24,477	
Sangamon	49,492	37,119	12,373	11	136,103	1 00	136,103	11 60	143,527	.....	7,424	
Schuyler	30,828	6,166	24,662	10	246,620	87	214,559	10 00	246,620	.....	32,061	
Scott	9,881	8,596	1,285	12	15,420	70	10,794	11 20	14,392	.....	3,598	
Shelby	49,452	12,363	37,089	8	296,712	92	272,975	10 95	406,124	.....	133,149	

WINTER WHEAT--Continued.

COUNTIES.	Area seeded, fall 1884	Acreage winter-killed and destroyed	Aereage harvested	Yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Stark	270		270	18	4,860	85	4,131	11 45	3,091	1,040	
St. Clair	112,394	56,197	56,197	3	168,591	93	156,790	14 25	800,807		644,017
Stephenson	5,233	1,308	3,925	8	31,400	72	22,608	10 65	41,801		19,193
Tazewell	23,446	12,426	11,020	8	88,160	84	74,054	10 85	119,567		45,513
Union	20,810	4,162	16,648	9	149,832	89	133,350	*10 55	175 636		42,286
Vermilion	28,433	23,599	4,834	11	53,174	*86	45,730	10 15	49,065		3,335
Wabash	24,190	4,354	19,836	8	158,688	86	136,472	10 05	199,352		62,880
Warren	682	170	512	13	6,656	*86	5,724	10 65	5,453	271	
Washington	82,400	12,360	70,040	7	490,280	87	426,544	9 65	675,886		249,342
Wayne	19,670	7,081	12,589	6	75,534	85	64,204	9 60	120,854		56,650
White	39,516	9,879	29,637	9	266,733	85	226,723	9 25	274,142		47,419
Whiteside	441		441	*9	3,969	*86	3,413	10 15	4,476		1,063
Will	1,138	284	854	17	14,518	90	13,066	11 15	9,522	3,544	
Williamson	15,877	6,668	9,209	6	55,254	85	46,966	8 40	77,356		30,390
Winnebago	1,984	853	1,131	8	9,048	77	6,967	10 75	12,158		5,191
Woodford	3,589	718	2,871	10	28,710	80	22,968	9 95	28,566		5,598
Total or average	2,317,291	1,314,557	1,002,734	7	7,275,376	$0 87	$6,356,244	$10 60	$10,643,408	$69,068	$4,356,232

*Estimated.

FLAX.

COUNTIES.	Acreage 1885, returned by Assessor...	Yield per acre in bushels...	Total yield in bushels.....	Price per bushel.....	Value of crop.	Cost of production per acre.....	Total cost of production..	Profit on crop.	Loss on crop.
Bond	6	‡9	54	$ ‡1 07	$ 58	$‡9 45	$57	$1	.....
Boone	16	‡9	144	‡1 07	154	10 30	165	.....	$ 11
Champaign	2,070	‡9	18,630	‡1 07	19,934	10 55	21,838	.....	1,904
Clark	30	6	180	‡1 07	193	‡9 45	283	.....	90
Clay	50	‡9	450	‡1 07	481	8 25	412	69	.....
Clinton	16	‡9	144	‡1 07	154	‡9 45	151	3	.....
Cook	1,469	8	11,752	1 25	14,690	9 10	13,368	1,322	.....
De Kalb	365	‡9	3,285	‡1 07	3,515	10 60	3,869	.....	354
Du Page	539	‡9	4,851	‡1 07	5,190	10 75	5,794	.....	604
Effingham	12	‡9	108	‡1 07	115	10 35	124	.....	9
Ford	3,831	8	30,648	1 07	32,793	7 85	30,073	2,720	.....
Greene	25	‡9	225	‡1 07	241	‡9 45	236	5	.....
Grundy	177	7	1,239	1 20	1,487	10 60	1,876	.....	389
Henry	2	‡9	18	‡1 07	19	‡9 45	19	.....	.....
Iroquois	4,939	11	54,329	1 25	67,911	7 70	38,015	29,896	.....
JoDaviess	11	‡9	99	‡1 07	106	10 85	119	.....	13
Kane	3	‡9	27	‡1 07	29	13 40	30	.....	1
Kankakee	615	10	6,150	1 10	6,765	8 60	5,289	1,476	.....
Lake	726	9	6,534	1 23	8,037	9 95	7,224	813	.....
Livingston	2,103	8	16,824	50	8,412	10 65	22,397	.....	13,985
Macon	241	‡9	2,169	‡1 07	2,321	9 30	2,241	80	.....
McHenry	39	‡9	351	1 00	351	10 05	392	.....	41
McLean	137	‡9	1,233	‡1 07	1,319	‡9 45	1,295	24	.....
Ogle	133	‡9	1,197	‡1 07	1,281	10 40	1,383	.....	102
Peoria	1	‡9	9	‡1 07	10	‡9 45	9	1	.....
Piatt	937	‡9	8,433	‡1 07	9,023	10 00	9,370	.....	347
Saline	10	‡9	90	‡1 07	96	‡9 45	90	6	.....
Sangamon	10	‡9	90	‡1 07	96	‡9 45	90	6	.....
St. Clair	8	‡9	72	‡1 07	77	‡9 45	75	2	.....
Vermilion	1,975	8	15,800	‡1 05	16,590	8 65	17,084	.....	494
Wabash	5	‡9	45	‡1 07	48	9 35	47	1	.....
Will	1,228	11	13,508	‡1 07	14,453	9 10	11,175	3,278	.....
Woodford	15	‡9	135	‡1 07	144	‡9 45	142	2	.....
Total or average	21,744	9	198,823	$1 09	$216,093	$ 8 95	$194,732	$39,705	$18,344

‡Estimated.

SPRING WHEAT.

COUNTIES.	Acreage 1885, returned by Assessors	Yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Adams	135	†15	2,025	†$0 79	$1,600	$10 85	$1,465	$135	
Alexander									
Bond									
Boone	1,172	12	14,064	85	11,954	11 40	13,361		$1,407
Brown	36	†15	540	†79	427	10 60	382	45	
Bureau	3,755	15	56,325	82	46,186	10 00	37,550	8,636	
Calhoun									
Carroll	3,296	†15	49,440	80	39,552	11 75	38,728	824	
Cass	110	†15	1,650	†79	1,303	11 25	1,237	66	
Champaign	1,997	†15	29,955	†79	23,664	11 25	22,466	1,198	
Christian	274	8	2,192	†79	1,732	10 95	3,000		1,268
Clark									
Clay									
Clinton									
Coles	34	†15	510	†79	403	10 20	347	56	
Cook	1,699	16	27,184	80	21,747	10 50	17,839	3,908	
Crawford	10	†15	150	†79	118	9 85	98	20	
Cumberland									
DeKalb	1,401	†15	20,015	†79	16,602	11 30	15,831	771	
DeWitt	96	†15	1,440	†79	1,138	8 95	859	279	
Douglas	64	†15	960	†79	758	10 85	694	64	
DuPage	1,270	†15	19,050	†79	15,049	12 25	15,557		508
Edgar	9	†15	135	†79	107	9 30	84	23	
Edwards	45	†15	675	†79	533	10 90	490	43	
Effingham									
Fayette	13	†15	195	†79	154	†10 65	138	16	
Ford	51	†15	765	†79	604	9 35	477	127	
Franklin									
Fulton	857	13	11,141	†79	8,801	9 65	8,270	531	
Gallatin									
Greene	199	18	3,582	†79	2,830	11 25	2,239	591	
Grundy	206	†15	3,090	†79	2,441	10 70	2,204	237	
Hamilton									
Hancock	154	†15	2,310	†79	1,825	11 40	1,756	69	
Hardin									
Henderson	506	12	6,072	†79	4,797	9 70	4,908		111
Henry	3,592	18	64,656	75	48,492	12 10	43,463	5,029	
Iroquois	2,517	†15	37,755	†79	29,826	9 25	23,282	6,544	
Jackson	3	†15	45	†79	35	†10 65	32	3	
Jasper	7	†15	105	†79	83	6 80	48	35	
Jefferson									
Jersey	64	†15	960	†79	758	11 90	762		4
JoDaviess	4,059	15	60,885	†79	48,099	12 20	49,520		1,421
Johnson	41	†15	615	†79	486	7 50	307	179	
Kane	559	24	13,416	†79	10,599	15 15	8,469	2,130	
Kankakee	90	†15	1,350	†79	1,066	10 05	904	162	
Kendall	82	12	984	80	787	12 05	988		201
Knox	627	15	9,405	1 00	9,405	11 30	7,085	2,320	
Lake	2,813	22	61,886	84	51,984	10 90	30,662	21,322	
LaSalle	2,290	13	29,770	65	19,350	10 90	24,961		5,611
Lawrence									

SPRING WHEAT—Continued.

COUNTIES.	Acreage 1885, returned by Assessors.....	Yield per acre in bushels.	Total yield in bushels	Price per bushel	Value of crops.	Cost of production per acre..	Total cost of production ...	Profit on crop...	Loss on crop....
Lee	‡794	19	16,986	$0 80	$13,589	$11 25	$10,057	$3,532	.....
Livingston	255	†15	3,825	†79	3,022	11 25	2,869	153	.....
Logan	453	17	7,701	†79	6,084	10 30	4,666	1,418	.....
Macon	193	12	2,316	†79	1,830	9 85	1,901	.....	$71
Macoupin	209	†15	3,135	†79	2,477	11 40	2,383	94	.....
Madison	.....	....	.....	.....	.....	.....	.....	.....	.....
Marion	23	†15	345	†79	272	8 75	201	71	.....
Marshall	§245	15	3,675	80	2,940	10 65	2,609	331	.....
Mason	†852	†15	12,780	†79	10,096	10 00	8,520	1,576	.....
Massac	25	†15	375	†79	296	†10 65	266	30	.....
McDonough	†627	10	6,270	†79	4,953	10 10	6,333	.....	1,380
McHenry	3,875	22	85,250	82	69,905	10 70	41,462	28,443	.....
McLean	380	16	6,080	†79	4,803	10 40	3,952	851	.....
Menard	2,400	†15	36,000	†79	28,440	†10 65	25,560	2,880	.....
Mercer	1,189	†15	17,835	90	16,051	10 20	12,128	3,923	.....
Monroe	93	†15	1,395	†79	1,102	†10 65	990	112	.....
Montgomery	22	†15	330	†79	261	†10 65	234	27	.....
Morgan	.....	....	.....	.....	.....	11 50	.....	.....	.....
Moultrie	18	†15	270	†79	213	†10 65	192	21	.....
Ogle	2,749	14	38,486	65	25,016	10 45	28,727	.....	3,711
Peoria	213	14	2,982	80	2,386	11 00	2,343	43	.....
Perry	149	†15	2,235	†79	1,766	9 55	1,423	343	.....
Piatt	50	20	1,000	80	800	10 65	532	268	.....
Pike	135	†15	2,025	†79	1,600	12 95	1,748	.....	148
Pope	35	†15	525	†79	415	9 25	324	91	.....
Pulaski	.....	....	.....	.....	.....	.....	.....	.....	.....
Putnam	911	†15	13,665	80	10,932	9 85	8,973	1,959	.....
Randolph	.....	....	.....	.....	.....	.....	.....	.....	.....
Richland	.....	....	.....	.....	.....	.....	.....	.....	.....
Rock Island	2,094	20	41,880	85	35,598	11 45	23,976	11,622	.....
Saline	121	†15	1,815	†79	1,434	7 70	932	502	.....
Sangamon	534	†15	8,010	†79	6,328	11 60	6,194	134	.....
Schuyler	79	†15	1,195	†79	936	10 00	790	146	.....
Scott	24	†15	360	†79	284	11 20	269	15	.....
Shelby	2	†15	30	†79	24	10 95	22	2	.....
Stark	411	16	6,576	77	5,063	11 45	4,706	357	.....
St. Clair	44	†15	660	†79	521	11 25	627	.....	106
Stephenson	5,509	12	66,108	72	47,598	10 65	58,671	.....	11,073
Tazewell	597	14	8,358	75	6,268	10 85	6,477	.....	209
Union	53	†15	795	†79	628	†10 65	564	64	.....
Vermilion	263	†15	3,945	†79	3,116	10 15	2,669	447	.....
Wabash	.....	....	.....	.....	.....	.....	.....	.....	.....
Warren	533	14	7,462	†79	5,895	10 65	5,676	219	.....
Washington	.....	....	.....	.....	.....	.....	.....	.....	.....
Wayne	.....	....	.....	.....	.....	.....	.....	.....	.....
White	22	†15	330	†79	261	9 25	203	58	.....
Whiteside	2,329	†15	34,935	†79	27,599	10 15	23,639	3,960	.....
Will	468	15	7,020	85	5,967	11 15	5,218	749	.....
Williamson	32	†15	480	†79	379	†10 65	341	38	.....
Winnebago	1,653	15	24,795	73	18,100	10 75	17,770	330	.....
Woodford	734	10	7,340	75	5,505	9 95	7,303	.....	1,798
Total or average	65,630	16	1,023,867	$0 79	$806,048	$10 90	$714,903	$120,172	$29,027

†Estimated. ‡Twelve townships not reported. §One township not reported.

OATS.

COUNTIES.	Acreage 1885 returned by assessors	Yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crops.	Cost of production per acre.	Total cost of production	Profit on crop	Loss on crop
Adams	36,214	37	1,339,918	$0 26	$348,379	$9 90	$358,519		$10,140
Alexander	620	14	8,680	* 24	2,083	8 35	5,177		3,094
Bond	25,402	30	762,060	20	152,412	8 30	210,837		58,425
Boone	27,397	35	958,895	32	306,846	10 90	298,627	$8,219	
Brown	7,341	30	220,230	* 24	52,855	9 45	69,372		16,517
Bureau	57,566	37	2,129,942	26	553,785	9 85	567,025		13,240
Calhoun	4,086	33	134,838	19	15,619	11 75	48,010		32,391
Carroll	34,242	*35	1,198,470	27	323,587	10 85	371,526		47,939
Cass	12,281	46	564,926	20	112,985	10 40	127,722		14,737
Champaign	77,476	*35	2,711,660	* 24	650,798	10 10	782,508		131,710
Christian	34,230	32	1,095,360	20	219,072	9 75	333,742		114,670
Clark	17,050	27	460,350	20	92,070	7 45	127,022		34,952
Clay	23,692	29	687,068	21	144,284	9 05	214,412		70,128
Clinton	37,664	39	1,468,896	24	352,535	8 45	318,261	34,274	
Coles	16,186	33	534,138	20	106,828	9 25	149,720		42,892
Cook	58,664	32	1,877,248	32	600,719	11 35	665,836		65,117
Crawford	9,882	37	365,634	17	62,158	6 50	64,233		2,075
Cumberland	11,314	28	316,792	21	66,526	7 80	88,249		21,723
DeKalb	60,671	35	2,123,485	27	573,341	10 95	664,347		91,006
DeWitt	39,393	38	1,496,934	22	329,325	9 20	362,416		33,091
Douglas	18,259	35	639,065	19	121,422	8 60	157,896		35,605
DuPage	36,203	50	1,810,150	30	543,045	11 60	419,955	123,090	
Edgar	18,576	31	575,856	* 24	138,205	8 50	157,896		19,691
Edwards	7,531	33	248,523	* 24	59,645	9 20	69,285		9,640
Effingham	33,192	34	1,128,528	21	236,991	8 85	293,749		56,758
Fayette	28,164	31	873,084	22	192,078	7 40	208,414		16,336
Ford	45,104	30	1,353,120	20	270,624	8 50	383,384		112,760
Franklin	3,358	30	100,740	18	18,133	6 90	23,170		5,037
Fulton	36,142	41	1,481,822	* 24	355,637	10 05	363,227		7,590
Gallatin	5,119	25	127,975	25	31,994	10 55	54,005		22,011
Greene	14,430	36	519,480	17	88,312	11 75	169,552		81,240
Grundy	30,861	25	771,525	28	216,027	10 80	333,299		117,272
Hamilton	10,433	55	573,815	20	114,763	6 80	70,944	43,819	
Hancock	43,982	37	1,627,334	24	390,560	8 90	391,440		880
Hardin	2,619	38	99,522	* 20	19,904	8 20	21,476		1,572
Henderson	22,298	32	713,536	24	171,249	9 35	208,486		37,237
Henry	75,309	39	2,937,051	22	646,151	12 60	948,893		302,742
Iroquois	85,434	28	2,392,152	27	645,881	8 40	717,646		71,765
Jackson	6,999	40	279,840	20	55,968	9 25	64,713		8,745
Jasper	20,186	40	807,440	* 24	193,786	6 50	131,209	62,577	
Jefferson	20,882	35	730,870	16	116,939	7 65	159,747		42,808
Jersey	7,520	40	300,800	* 24	72,192	9 15	68,808	3,384	
JoDaviess	35,415	35	1,239,525	* 24	297,486	10 60	375,398		77,913
Johnson	3,459	15	51,885	* 24	12,452	6 65	23,002		10,550
Kane	34,650	46	1,593,900	30	478,170	11 65	403,672	74,490	
Kankakee	46,265	28	1,295,420	24	310,901	9 25	427,951		117,050
Kendall	32,392	40	1,295,680	25	323,920	11 15	361,171		37,251
Knox	56,647	53	3,002,291	22	660,504	10 25	580,632	78,872	
Lake	26,657	35	932,995	30	279,898	10 25	273,234	6,664	
LaSalle	96,856	33	3,196,248	28	894,949	10 05	973,403		78,454
Lawrence	7,977	32	255,264	20	51,053	9 25	73,787		22,734

OATS—Continued.

COUNTIES.	Acreage 1885 returned by assessors.....	Yield per acre in bushels.....	Total yield in bushels.....	Price per bushel.....	Value of crop..	Cost of production per acre.	Total cost of production....	Profit on crop...	Loss on crop....
Lee	†25,646	39	1,000,194	$ 25	$ 250,048	$ 9 90	$ 253,895	.....	$ 3,847
Livingston	112,072	24	2,689,728	25	672,432	9 80	998,306	.....	325,874
Logan	42,557	43	1,829,951	20	365,990	9 45	402,164	.....	36,174
Macon	44,944	44	1,977,536	22	435,058	9 25	415,732	$ 19,326	.....
Macoupin	69,449	33	2,291,817	22	504,200	9 05	628,513	.....	124,313
Madison	41,000	42	1,722,000	19	327,180	10 35	424,350	.....	97,170
Marion	25,079	26	652,054	30	195,616	6 95	174,299	21,317	.....
Marshall	‡34,622	42	1,454,124	25	363,531	11 65	403,336	.....	39,815
Mason	*7,315	28	204,820	20	40,964	8 95	65,469	.....	24,505
Massac	1,990	30	59,700	30	17,910	10 35	20,596	.....	2,686
McDonough	*34,700	35	1,214,500	22	267,190	9 90	343,530	.....	76,340
McHenry	36,552	54	1,973,808	31	611,880	9 65	352,727	259,153	.....
McLean	105,877	47	4,976,219	26	1,293,817	9 60	1,016,419	277,398	.....
Menard	18,550	45	834,750	20	166,950	9 85	182,717	.....	15,767
Mercer	36,499	40	1,459,960	27	394,189	9 65	352,215	41,974	.....
Monroe	11,947	39	465,923	27	125,802	12 10	144,559	.....	18,757
Montgomery	47,159	38	1,792,042	20	358,408	7 80	367,840	.....	9,432
Morgan	18,402	45	828,090	20	165,618	10 80	198,742	.....	33,124
Moultrie	16,637	41	682,117	20	136,423	8 60	143,078	.....	6,655
Ogle	75,364	38	2,863,832	28	801,873	9 85	742,335	59,538	.....
Peoria	39,424	35	1,379,840	33	455,347	11 15	439,578	15,769	.....
Perry	14,158	27	382,266	25	95,566	9 30	131,669	.....	36,103
Piatt	24,732	40	989,280	22	217,642	10 65	263,396	.....	45,754
Pike	20,608	36	741,888	* 24	178,053	12 75	262,752	.....	84,699
Pope	5,778	20	115,560	* 24	27,734	7 20	41,602	.....	13,868
Pulaski	1,255	35	43,925	34	14,934	8 95	11,232	3,702	.....
Putnam	9,431	32	301,792	28	84,502	10 45	98,554	.....	14,052
Randolph	17,500	35	612,500	25	153,125	10 10	176,750	.....	23,625
Richland	16,418	29	476,122	18	85,702	8 30	136,269	.....	50,567
Rock Island	22,861	32	731,552	20	146,310	10 80	246,899	.....	100,589
Saline	4,528	30	135,840	* 24	32,602	6 05	27,394	5,208	.....
Sangamon	31,095	34	1,057,230	16	169,157	10 10	314,059	.....	144,902
Schuyler	9,220	37	341,140	23	78,462	9 35	86,207	.....	7,745
Scott	3,525	45	158,625	13	23,794	10 00	35,250	.....	11,456
Shelby	26,767	37	990,379	20	198,076	10 15	271,685	.....	73,609
Stark	31,401	37	1,161,837	27	213,696	10 75	337,561	.....	23,865
St. Clair	34,798	38	1,322,324	22	290,911	11 70	407,137	.....	116,226
Stephenson	44,248	32	1,415,936	30	424,781	9 95	440,268	.....	15,487
Tazewell	44,151	35	1,545,285	24	370,868	10 00	441,510	.....	70,642
Union	3,813	25	95,325	30	28,597	*9 40	35,842	.....	7,245
Vermilion	46,908	47	2,204,676	* 24	529,122	9 05	424,517	104,605	.....
Wabash	4,750	28	133,000	20	26,600	8 55	40,612	.....	14,012
Warren	45,965	36	1,654,740	24	397,138	10 30	473,439	.....	76,301
Washington	62,432	36	2,247,552	22	494,461	8 00	499,456	.....	4,995
Wayne	19,142	30	574,260	20	114,852	7 85	150,260	.....	35,413
White	10,687	34	363,358	22	79,939	7 20	76,946	2,993	.....
Whiteside	43,643	*35	1,527,505	25	381,876	11 30	493,166	.....	111,290
Will	89,876	37	3,325,412	31	1,030,878	9 90	889,772	141,106	.....
Williamson	4,102	28	114,856	22	25,268	7 25	29,739	.....	4,471
Winnebago	52,369	39	2,042,391	31	633,141	10 10	528,927	104,214	.....
Woodford	63,352	28	1,773,856	24	425,725	10 80	684,202	.....	258,477
Total or acreage.	3,159,585	36	114,344,387	$0 24	$28,098,984	$9.75	$30,863,634	$1,492,700	$4,257,340

*Estimated. †12 townships not reported. ‡1 township not reported.

WINTER RYE.

COUNTIES.	Acreage 1885, returned by Assessors:..	Yield per acre in bushels:..	Total yield in bushels.....	Price per bushel	Value of crop.	Cost of production per acre	Total cost of production..	Profit on crop.	Loss on crop..
Adams	667	15	10,005	$0 55	$5,503	$9 35	$6,236	.....	$733
Alexander	32	†14	448	†55	246	11 10	355	.....	109
Bond	477	6	2,862	†55	1,574	*9 90	4,722	.....	3,148
Boone	1,455	13	18,915	†55	10,403	10 25	14 914	.....	4,511
Brown	195	6	1,170	†55	643	10 05	1,960	.....	1,317
Bureau	4,263	15	63,945	52	33,251	9 90	42,204	.....	8,953
Calhoun	.....	20	.....	.....	.....	14 00	.....	.....	.....
Carroll	5,664	16	90,624	50	45,312	11 45	64,853	.....	19,541
Cass	642	†14	8,988	†55	4,945	10 10	6,484	.....	1,541
Champaign	1,550	†14	21,700	†55	11,935	11 05	17,127	.....	5,192
Christian	248	10	2,480	47	1,166	10 75	2,666	.....	1,500
Clark	1,173	6	7,038	65	4,575	9 75	11,437	.....	6,862
Clay	315	†14	4,410	†55	2,425	10 75	3,386	.....	961
Clinton	196	22	4,312	†55	2,372	8 60	1,686	$686	.....
Coles	381	13	4,953	40	1,981	8 95	3,410	.....	1,429
Cook	768	16	12,288	†55	6,758	11 00	8,448	.....	1,690
Crawford	656	6	3,936	†55	2,165	†9 90	6,494	.....	4,329
Cumberland	166	15	2,490	†55	1,369	8 85	1,469	.....	100
DeKalb	1,745	†14	24,430	45	10,993	10 85	18,933	.....	7,940
DeWitt	772	14	10,808	†55	5,944	9 55	7,373	.....	1,429
Douglas	397	11	4,367	40	1,747	9 10	3,613	.....	1,866
DuPage	2,948	26	76,648	50	38,324	12 05	35,523	2,801	.....
Edgar	435	†14	6,090	†55	3,349	†9 90	4,306	.....	957
Edwards	25	5	125	†55	69	†9 90	247	.....	178
Effingham	492	9	4,428	45	1,993	9 15	4,502	.....	2,509
Fayette	310	10	3,100	50	1,550	7 35	2,278	.....	728
Ford	1,174	14	16,436	50	8,218	7 90	9,275	.....	1,057
Franklin	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fulton	3,494	11	38,434	†55	21,139	9 95	34,765	.....	13,626
Gallatin	399	†14	5,586	†55	3,072	9 40	3,751	.....	679
Greene	391	15	5,865	75	4,399	†9 90	3,871	528	.....
Grundy	1,100	11	12,100	50	6,050	11 65	12,815	.....	6,765
Hamilton	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hancock	1,323	14	18,522	47	8,705	9 05	11,973	.....	3,268
Hardin	36	†14	504	†55	277	8 75	315	.....	38
Henderson	4,592	12	55,104	†55	30,307	9 55	43,854	.....	13,547
Henry	6,619	15	99,285	50	49,642	11 90	78,766	.....	29,124
Iroquois	4,683	22	103,026	49	50,483	8 35	39,103	11,380	.....
Jackson	29	†14	406	†55	223	10 15	294	.....	71
Jasper	550	†14	7,700	†55	4,235	7 15	3,932	303	.....
Jefferson	70	9	630	50	315	8 05	563	.....	248
Jersey	122	†14	1,708	†55	939	†9 90	1,208	.....	269
JoDaviess	1,411	15	21,165	50	10,582	9 90	13,969	.....	3,387
Johnson	15	†14	210	†55	115	9 35	140	.....	25
Kane	2,775	19	52,725	54	28,471	12 30	34,132	.....	5,661
Kankakee	3,597	†14	50,358	55	27,697	9 60	34,531	.....	6,834
Kendall	1,162	17	19,754	†55	10,865	11 95	13,886	.....	3,021
Knox	2,691	16	43,056	75	32,292	10 15	27,314	4,978	.....
Lake	416	20	8,320	53	4,410	10 45	4,347	63	.....
LaSalle	1,817	15	27,255	50	13,627	10 65	19,351	.....	5,724
Lawrence	215	†14	3,010	†55	1,655	6 85	1,473	182	.....
Lee	‡1,141	22	25,102	52	13,053	9 70	11,068	1,985	.....

WINTER RYE—Continued.

COUNTIES.	Acreage 1885 returned by Assessors..	Yield per acre in bushels...	Total yield in bushels.....	Price per bushel.....	Value of crop.	Cost of production per acre.....	Total cost of production..	Profit on crop.	Loss on crop..
Livingston	2,393	10	23,930	$0 †55	$13,161	$10 25	$24,528	.....	$11,367
Logan	898	†14	12,572	60	7,543	9 45	8,486	.....	943
Macon	267	†14	3,738	†55	2,056	9 55	2,550	.....	494
Macoupin	438	25	10,950	60	6,570	†9 90	7,356	$2,234	.....
Madison	3,100	10	31,000	60	18,600	12 95	40,145	.....	21,545
Marion	380	†14	5,320	†55	2,926	6 70	2,546	380	.....
Marshall	§519	13	6,747	†55	3,711	11 45	5,942	.....	2,231
Mason	†3,016	10	30,160	50	15,080	†9 90	29,858	.....	14,778
Massac	72	4	288	75	216	†9 90	713	.....	497
McDonough	†41	11	451	†55	248	10 15	416	.....	168
McHenry	1,355	17	23,035	48	11,057	9 00	12,195	.....	1,138
McLean	2,904	18	52,272	52	27,181	9 30	27,007	174	.....
Menard	1,050	14	14,700	45	6,615	9 05	9,502	.....	2,887
Mercer	4,789	10	47,890	55	26,339	9 90	47,411	.....	21,072
Monroe	69	14	966	†55	531	12 40	856	.....	325
Montgomery	751	11	8,261	75	6,196	8 50	6,383	.....	187
Morgan	.....	17	.....	60	.....	10 15	.....	.....	.....
Moultrie	96	15	1,440	45	648	8 20	787	.....	139
Ogle	5,417	16	86,672	50	43,336	9 60	52,003	.....	8,667
Peoria	1,855	13	24,115	65	15,675	10 75	19,941	.....	4,266
Perry	19	8	152	65	99	10 65	202	.....	103
Piatt	643	12	7,716	50	3,858	10 35	6,655	.....	2,797
Pike	230	†14	3,220	†55	1,771	9 75	2,242	.....	471
Pope	32	†14	448	†55	246	†9 90	317	.....	71
Pulaski	175	†14	2,450	†55	1,347	†9 90	1,732	.....	385
Putnam	556	15	8,340	55	4,587	9 70	5,393	.....	806
Randolph	179	30	5,370	60	3,222	10 60	1,897	1,325	.....
Richland	438	8	3,504	†55	1,927	7 40	3,241	.....	1,314
Rock Island	4,266	13	55,458	40	22,183	10 75	45,859	.....	23,676
Saline	24	8	192	†55	106	9 05	217	.....	111
Sangamon	397	15	5,955	†55	3,275	9 50	3,771	.....	496
Schuyler	280	16	4,480	†55	2,464	8 95	2,506	.....	42
Scott	338	25	8,450	†55	4,647	10 30	3,481	1,166	.....
Shelby	263	16	4,208	†55	2,314	10 35	2,722	.....	408
Stark	630	17	10,701	55	5,885	10 90	6,867	.....	982
St. Clair	143	17	2,431	56	1,361	†9 90	1,416	.....	55
Stephenson	10,898	18	196,164	50	98,082	10 15	110,615	.....	12,533
Tazewell	764	14	10,696	70	7,487	9 95	7,602	.....	115
Union	64	†14	896	†55	493	†9 90	634	.....	141
Vermilion	1,305	15	19,575	†55	10,766	9 15	11,941	.....	1,175
Wabash	12	†14	168	†55	92	†9 90	119	.....	27
Warren	2,004	14	28,056	50	14,028	10 10	20,240	.....	6,212
Washington	221	11	2,431	80	1,945	8 60	1,901	44	.....
Wayne	23	15	345	†55	190	†9 90	228	.....	38
White	35	†14	490	†55	269	8 00	280	.....	11
Whiteside	12,517	†14	175,238	†55	96,381	11 00	137,687	.....	41,306
Will	1,921	18	34,578	65	22,476	10 15	19,498	2,978	.....
Williamson	24	†14	336	†55	185	†9 90	238	.....	53
Winnebago	8,219	13	106,847	58	61,971	10 00	82,190	.....	20,219
Woodford	882	21	18,522	50	9,261	10 00	8,820	441	.....
Total or average	142,706	15	2,108,745	$0 53	$1,121,968	$10 25	$1,465,438	$31,648	$375,118

†Estimated.

‡Twelve townships not reported.

§One township not reported.

BARLEY.

COUNTIES.	Acreage 1885 returned by Assessors	Yield per acre in bushels	Total yield in bushels.	Price per bushel	Value of crop.	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Adams	43	*26	1,118	$*.51	$570	$8.95	$384	$186	
Alexander									
Bond									
Boone	2,271	25	56,775	.60	34,065	10.90	24,754	9,311	
Brown									
Bureau	256	*26	6,656	*.51	3,394	10.50	2,668	726	
Calhoun									
Carroll	1,675	*26	43,550	*.51	22,210	10.15	17,001	5,209	
Cass									
Champaign	8	*26	208	*.51	106	10.55	84	22	
Christian									
Clark	1	*26	26	*.51	13	*10.50	10	3	
Clay	10	*26	260	*.51	133	*10.50	105	28	
Clinton									
Coles	17	*26	442	*.51	225	*10.50	178	47	
Cook	305	35	10,675	.45	4,801	9.10	2,775	2,029	
Crawford									
Cumberland									
DeKalb	1,138	*26	29,588	*.51	15,090	11.05	12,575	2,515	
DeWitt									
Douglas	33	*26	858	*.51	437	*10.50	346	91	
DuPage	276	*26	7,176	* 51	3,660	12.30	3,395	265	
Edgar									
Edwards									
Effingham	8	*26	208	*.51	106	*10.50	84	22	
Fayette									
Ford	12	*26	312	*.51	159	9.10	109	50	
Franklin									
Fulton	65	*26	1,690	*.51	862	*10.50	682	180	
Gallatin									
Greene		18		.75					
Grundy									
Hamilton									
Hancock									
Hardin									
Henderson									
Henry	1,225	22	26,950	.50	13,475	13.25	16,231		$2,756
Iroquois	64	*26	1,664	*.51	849	9.10	585	264	
Jackson	1,086	*26	28,236	*.51	14,400	10.90	11,837	2,563	
Jasper	25	*26	650	*.51	331	*10 50	262	69	
Jefferson									
Jersey									
JoDaviess	782	*26	20,322	*.51	10,369	9.60	7,507	2,862	
Johnson									
Kane	157	24	3,768	.40	1,507	12.00	1,884		377
Kankakee	13	*26	338	*.51	172	*10.50	136	36	
Kendall	14	*26	364	*.51	186	11.85	166	20	
Knox									
Lake	896	32	28,672	.52	14,909	10.45	9,363	5,546	
LaSalle	58	*26	1,508	*.51	769	11.15	647	122	
Lawrence	38	*26	988	*.51	504	8.30	315	189	
Lee	43	30	90	.42	38	10.80	32	6	

BARLEY---Continued.

COUNTIES.	Acreage 1885 returned by Assessors	Yield per acre in bushels	Total yield in bushels.	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Livingston									
Logan									
Macon	215	*26	5,590	*.51	2,851	*10.50	2,257	594	
Macoupin	82	*26	2,132	*.51	1,087	*10.50	861	226	
Madison									
Marion									
Marshall	‡3	40	120	1.00	120	*10.50	31	89	
Mason	*35	*26	910	*.51	464	*10.50	367	97	
Massac									
McDonough	*10	*26	260	*.51	133	*10.50	105	28	
McHenry	3,290	30	98,700	.72	71,064	7.20	23,688	47,376	
McLean	2	*26	52	*.51	26	9.40	19	7	
Menard	250	*26	6,500	*.51	3,315	*10.50	2,625	690	
Mercer	8	*26	208	*.51	106	*10.50	84	22	
Monroe	70	30	2,100	.60	1,260	11.70	819	441	
Montgomery	5	*26	130	*.51	66	8.40	42	24	
Morgan									
Moultrie									
Ogle	5,610	27	151,470	.42	63,617	9.90	55,539	8,078	
Peoria									
Perry									
Piatt						11.25			
Pike									
Pope									
Pulaski									
Putnam									
Randolph	103	*26	2,678	*.51	1,366	10.80	1,112	254	
Richland									
Rock Island	277	20	5,540	*.51	2,825	11.85	3,282		457
Saline									
Sangamon	50	*26	1,300	*.51	663	*10.50	525	138	
Schuyler									
Scott	30	*26	780	*.51	398	*10.50	315	83	
Shelby	29	*26	754	*.51	384	10.55	306	78	
Stark									
St. Clair	220	*26	5,720	.40	2,288	17.00	3,740		1,452
Stephenson	10,136	22	202,992	.33	66,987	10.50	106,428		39,441
Tazewell	22	15	330	.60	198	9.95	219		21
Union	33	18	594	*.51	303	*10.50	346		43
Vermilion	42	*26	1,092	*.51	557	*10.50	441	116	
Wabash	1	*26	26	*.51	13	*10.50	10	3	
Warren	351	*26	9,126	*.51	4,654	10.65	3,738	916	
Washington	2	*26	52	*.51	26	*10.50	21	5	
Wayne									
White									
Whiteside	235	*26	6,110	*.51	3,116	10.20	2,397	719	
Will	18	*26	468	*.51	239	9.60	173	66	
Williamson									
Winnebago	3,098	27	83,646	.41	34,295	9.15	28,347	5,948	
Woodford									
Total	34,706	25	862,482	$0 47	$405,764	$10.15	$351,952	$98,359	$44,547

* Estimated.
† 12 Townships not reported.
‡ 1 township not reported.

HAY.

Counties.	Acreage 1885, returned by Assessors	Yield per acre in tons	Total yield in tons	Price per ton.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Adams	38,880	1½	58,320	$6 00	$349,920	$8 75	$340,200	$9,720	
Alexander	1,456	½	728	9 00	6,552	7 45	10,847		$4,295
Bond	15,527	1½	23,290	5 00	116,450	6 20	96,267	20,183	
Boone	29,934	1¾	52,384	5 00	261,920	7 90	236,479	25,441	
Brown	15,063	3	45,189	4 50	203,350	5 45	82,093	121,257	
Bureau	59,376	1½	89,064	5 50	489,852	7 50	445,320	44,532	
Calhoun	6,508	1¼	8,135	8 65	70,368	9 20	59,874	10,494	
Carroll	37,123	1½	55,692	5 65	314,660	6 25	232,050	82,610	
Cass	5,657	1½	8,485	7 00	59,395	10 15	57,418	1,977	
Champaign	57,610	1¼	72,012	*6 25	450,075	5 75	331,257	118,818	
Christian	57,767	1½	86,650	5 00	433,250	7 00	404,369	28,881	
Clark	26,945	¾	20,209	3 90	78,815	7 35	198,046		119,231
Clay	24,485	1¼	30,606	5 00	153,030	6 35	155,480		2,450
Clinton	17,823	1½	26,734	8 00	213,872	6 00	106,938	106,934	
Coles	24,844	1¼	31,055	4 50	139,747	7 15	177,635		37,888
Cook	91,841	1	91,841	7 50	688,807	7 60	697,992		9,185
Crawford	18,380	1¼	22,975	4 75	109,131	6 05	111,199		2,068
Cumberland	18,688	1¼	23,360	5 00	116,800	5 00	93,440	23,360	
DeKalb	76,866	1¼	96,082	5 50	528,451	7 50	576,495		48,044
DeWitt	19,927	1¼	24,909	4 75	118,318	6 35	126,536		8,218
Douglas	28,469	1¼	35,586	5 00	177,930	6 25	177,931		1
DuPage	42,552	1	42,552	8 50	361,692	10 45	444,668		82,976
Edgar	48,971	1¼	61,214	5 75	351,980	7 00	342,797	9,183	
Edwards	10,972	1	10,972	6 50	71,318	7 20	78,998		7,680
Effingham	25,416	1¼	31,770	4 60	146,142	6 10	155,038		8,896
Fayette	21,761	1½	32,641	5 00	163,205	6 55	142,534	20,671	
Ford	36,462	1¼	45,577	4 80	218,772	5 30	193,249	25,523	
Franklin	3,322	1¼	4,152	6 65	27,611	5 25	17,440	10,171	
Fulton	39,399	1¾	68,948	5 50	379,214	7 60	299,432	79,782	
Gallatin	9,088	1¼	11,360	8 65	98,264	9 40	85,427	12,837	
Greene	22,824	1½	34,236	6 15	210,551	8 50	194,004	16,547	
Grundy	41,700	1	41,700	5 65	235,605	6 65	277,305		41,700
Hamilton	15,285	¾	11,464	6 00	68,784	3 70	56,554	12,230	
Hancock	48,639	1¼	60,800	5 40	328,320	6 75	328,313	7	
Hardin	3,306	1½	4,959	13 65	67,690	7 85	25,952	41,738	
Henderson	17,832	1½	26,748	5 00	133,740	7 80	139,090		5,350
Henry	64,604	1½	96,906	5 60	542,674	9 05	584,666		41,992
Iroquois	93,906	1	93,906	5 85	549,350	6 10	572,827		23,477
Jackson	15,137	1	15,137	5 00	75,685	7 10	107,473		31,788
Jasper	21,029	1	21,029	5 00	105,145	5 65	118,814		13,669
Jefferson	19,787	1	19,787	6 00	118,722	5 55	109,818	8,904	
Jersey	11,267	1¾	19,717	5 50	108,443	8 95	100,840	7,603	
JoDaviess	46,660	1	46,660	6 00	279,960	7 65	356,949		76,989
Johnson	10,843	1	10,843	10 00	108,430	7 05	76,443	31,987	
Kane	60,721	1¾	106,262	7 85	834,157	6 80	412,903	421,254	
Kankakee	74,815	1	74,815	7 50	561,112	5 60	439,124	121,988	
Kendall	31,196	1¼	38,995	7 35	286,613	9 00	280,764	5,849	
Knox	53,793	1½	80,689	4 80	387,307	7 70	414,206		26,899
Lake	49,739	1½	74,608	6 80	507,334	7 35	365,582	141,752	
LaSalle	84,376	1	84,376	8 70	734,971	8 65	729,852	4,219	
Lawrence	18,787	1	18,787	5 00	93,935	6 60	123,994		30,059

HAY--Continued.

Counties.	Acreage 1885, returned by Assessors.	Yield per acre in tons.	Total yield in tons.	Price per ton.	Value of crop.	Cost of production per acre.	Total cost of production.	Profit on crop.	Loss on crop.
Lee	†26,940	1¾	47,145	$6 50	$306,542	$7 65	$206,091	$100,451	.....
Livingston	83,118	1	83,118	7 65	625,853	7 00	581,826	44,027	.....
Logan	21,829	1¾	38,201	5 10	194,825	7 45	162,626	32,199	.....
Macon	29,008	1½	43,512	6 50	282,828	8 95	259,622	23,206	.....
Macoupin	43,707	1	43,707	4 50	196,681	6 65	290,651	.....	$93,970
Madison	30,000	1½	45,000	7 50	337,500	10 10	303,000	34,500	.....
Marion	34,033	1¼	42,541	5 00	212,705	4 60	156,552	56,153	.....
Marshall	‡19,774	1½	29,661	6 00	177,966	11 50	227,401	.....	49,435
Mason	*2,876	1½	4,314	4 00	17,256	9 25	26,603	.....	9,347
Massac	5,955	1¼	7,444	11 35	84,489	5 90	35,134	49,355	.....
McDonough	*22,813	1½	34,219	5 00	171,095	7 25	165,394	5,701	.....
McHenry	71,231	1½	106,846	6 35	678,472	6 60	470,125	208,347	.....
McLean	68,061	1½	102,091	4 25	433,887	7 50	510,457	.....	76,570
Menard	18,825	1¾	32,944	4 75	156,484	7 75	145,894	10,590	.....
Mercer	40,560	1¼	50,700	5 00	253,500	7 85	318,396	.....	64,896
Monroe	12,117	1¾	21,205	10 00	212,050	9 50	115,111	96,939	.....
Montgomery	44,484	1¼	55,605	5 50	305,827	6 70	298,043	7,784	.....
Morgan	12,349	1½	18,523	5 00	92,615	10 35	127,812	.....	35,197
Moultrie	13,844	1½	20,766	4 50	93,447	6 50	89,986	3,461	.....
Ogle	58,588	1½	87,882	5 75	505,321	7 50	439,410	65,911	.....
Peoria	33,057	1¼	41,321	6 00	247,926	8 85	292,554	.....	44,628
Perry	10,799	1¼	13,499	6 50	87,743	6 15	66,414	21,329	.....
Piatt	11,097	1¼	13,871	5 00	69,355	7 35	81,563	.....	12,208
Pike	26,406	1¾	46,210	5 50	254,155	7 25	191,443	62,712	.....
Pope	7,446	1½	11,169	8 00	89,352	6 70	49,888	39,464	.....
Pulaski	4,909	1½	7,363	10 0	73,630	7 40	36,327	37,303	.....
Putnam	8,416	1¼	10,520	4 50	47,340	7 95	66,907	.....	19,567
Randolph	13,734	1¼	17,167	7 00	120,169	9 05	124,293	.....	4,124
Richland	22,737	¾	17,053	5 25	89,528	6 95	158,022	.....	68,494
Rock Island	34,069	1¼	42,586	6 25	266,162	8 10	275,959	.....	9,797
Saline	12,394	1¾	21,689	8 00	173,512	6 15	76,223	97,289	.....
Sangamon	37,470	1½	56,205	6 00	337,230	10 95	410,196	.....	72,966
Schuyler	19,721	2	39,442	4 50	177,489	6 70	132,131	45,358	.....
Scott	4,726	2	9,452	5 00	47,260	6 45	30,483	16,777	.....
Shelby	48,303	1½	72,454	4 50	326,043	7 75	374,348	.....	48,305
Stark	16,436	1¾	28,763	6 00	172,578	7 55	124,092	48,486	.....
St. Clair	26,291	1¾	46,009	8 00	368,072	12 25	322,065	46,007	.....
Stephenson	38,350	1½	57,525	6 35	365,284	6 35	243,522	121,762	.....
Tazewell	31,114	1½	46,671	5 60	261,358	7 70	239,578	21,780	.....
Union	8,635	1½	12,952	13 00	168,376	*7 35	63,467	104,909	.....
Vermilion	57,622	1	57,622	5 00	288,110	6 65	383,186	.....	95,076
Wabash	11,227	1½	16,840	6 50	109,460	7 10	79,712	29,748	.....
Warren	36,039	1¼	45,049	5 25	236,507	7 25	261,283	.....	24,776
Washington	10,152	1¾	17,766	7 75	137,686	5 85	59,389	78,297	.....
Wayne	32,601	¾	24,451	4 75	116,142	6 50	211,906	.....	95,764
White	20,194	¾	15,146	7 35	111,323	6 30	127,228	.....	15,905
Whiteside	59,849	1½	89,773	4 50	403,978	6 50	389,018	14,960	.....
Will	94,084	1	94,084	9 60	903,206	6 80	639,771	263,435	.....
Williamson	15,937	1½	23,905	8 25	197,216	6 80	108,372	88,844	.....
Winnebago	37,067	1¼	46,334	5 65	261,787	6 60	244,642	17,145	.....
Woodford	29,330	1½	43,995	6 00	263,970	7 95	233,173	30,797	.....
Total or average	3,197,688	1¼	4,197,226	$6 05	$25,347,809	$7 30	$23,320,211	$3,491,478	$1,463,880

*Estimated.
†Twelve townships not reported.
‡One township not reported.

CORN.

COUNTIES.	Acreage.				Condition.							
	Return'd by Assessors, 1884.	Return'd by Assessors, 1885.	Increase 1885.	Decrease 1885.	August 1, 1885.	August 1, 1884.	August 1, 1883.	August 1, 1882.	August 1, 1881.	August 1, 1880.	August 1, 1879.	August 1, 1878.
Adams	80,663	90,761	10,098	.....	90	95	74	59	110	85	102	77
Alexander	6,416	8,845	2,429	.....	100	93	90	95	52	91	103	115
Bond	45,241	52,874	7,633	.....	97	94	81	92	33	87	113	60
Boone	32,076	33,689	1,613	.....	85	96	77	61	78	108	100	95
Brown	29,490	31,152	1,662	.....	80	95	82	62	110	75	75	62
Bureau	151,991	145,066	.....	6,925	92	87	83	53	58	105	106	90
Calhoun	15,619	22,173	6,554	.....	94	105	82	59	91	100	111	95
Carroll	60,950	64,097	3,147	.....	96	102	78	50	74	100	80	95
Cass	41,292	47,342	6,050	.....	98	100	73	85	108	87	87	75
Champaign	197,343	212,151	14,808	.....	120	100	96	60	80	93	108	82
Christian	122,114	144,320	22,206	.....	84	101	85	35	90	98	110	60
Clark	41,600	40,775	.....	825	81	85	105	58	57	86	95	55
Clay	32,755	30,014	.....	2,741	97	70	82	90	30	62	92	80
Clinton	51,206	63,995	12,789	.....	80	67	90	72	22	78	117	90
Coles	54,222	44,873	.....	9,349	101	80	108	52	86	100	110	85
Cook	46,109	44,728	.....	1,381	96	92	77	62	80	101	92	90
Crawford	34,287	33,151	.....	1,136	85	76	105	68	42	93	92	80
Cumberland	28,339	24,030	.....	4,309	69	68	96	42	56	88	96	52
DeKalb	104,484	107,823	3,339	.....	100	107	77	57	78	114	110	95
DeWitt	79,813	93,617	13,804	.....	90	101	90	59	96	88	106	75
Douglas	53,262	62,075	8,813	.....	100	70	80	56	86	100	110	75
DuPage	30,630	33,064	2,434	.....	100	92	70	75	87	105	85	95
Edgar	90,643	102,456	11,813	.....	97	90	95	61	75	106	106	80
Edwards	18,152	15,631	.....	2,521	110	77	110	80	50	92	95	90
Effingham	42,385	46,051	3,666	.....	117	71	82	87	35	96	107	45
Fayette	47,679	55,469	7,790	.....	97	75	91	56	12	62	114	75
Ford	108,411	103,812	.....	4,599	102	91	100	59	77	86	105	80
Franklin	†3,487	10,665	7,178	.....	98	85	93	92	45	78	122	100
Fulton	101,351	102,536	1,185	.....	89	99	85	53	111	100	108	85
Gallatin	38,000	47,801	9,801	.....	84	81	102	93	44	45	110	80
Greene	51,078	72,269	21,191	.....	100	99	95	63	105	106	102	85
Grundy	78,792	80,875	2,083	.....	94	98	54	52	77	86	105	62
Hamilton	27,438	31,076	3,638	.....	107	65	90	66	20	83	110	85
Hancock	99,713	93,754	.....	5,959	101	107	80	23	99	101	95	80
Hardin	3,708	10,133	6,425	.....	65	67	90	70	75	76	105	100
Henderson	†64,691	58,705	.....	5,986	73	100	75	48	80	105	107	95
Henry	157,404	143,491	.....	13,913	78	81	79	59	73	98	104	80
Iroquois	209,528	206,700	.....	2,828	105	104	85	52	100	80	110	100
Jackson	19,556	26,966	7,410	.....	75	110	87	100	24	82	112	100
Jasper	35,353	33,247	.....	2,106	100	75	75	72	25	91	103	55
Jefferson	42,848	39,606	.....	3,242	100	53	98	76	15	88	111	85
Jersey	†34,423	33,922	.....	501	92	93	105	68	99	98	92	60
JoDaviess	51,404	53,932	2,528	.....	100	92	91	73	77	101	107	100
Johnson	12,716	19,536	6,820	.....	100	83	96	90	37	90	118	100
Kane	52,591	57,257	4,666	.....	97	97	81	82	85	108	112	90
Kankakee	79,364	93,604	14,240	.....	99	100	72	35	100	67	90	75
Kendall	58,065	57,884	.....	181	84	84	71	55	69	89	80	72
Knox	119,926	120,741	815	.....	88	112	88	46	93	91	110	90
Lake	23,584	24,082	498	.....	88	91	78	65	85	101	96	85
LaSalle	192,978	194,342	1,364	.....	91	90	69	52	47	93	104	60
Lawrence	27,421	31,439	4,018	.....	97	85	106	65	50	86	110	65

CORN—Continued.

COUNTIES.	Acreage.				Condition.							
	Return'd by Assessors, 1884	Return'd by Assessors, 1885.	Increase 1885.	Decrease 1884.	August 1, 1885.	August 1, 1884.	August 1, 1883.	August 1, 1882.	August 1, 1881.	August 1, 1880.	August 1, 1879.	August 1, 1878.
Lee	†140,146	‡46,657	.....	93,489	92	100	78	72	85	108	108	90
Livingston	233,762	236,595	2,833	.....	87	93	75	57	95	62	120	52
Logan	162,177	167,214	5,037	.....	104	91	85	60	94	82	85	81
Macon	124,176	140,123	15,947	.....	97	97	94	52	100	105	88	75
Macoupin	91,316	120,406	29,090	.....	95	80	87	60	105	109	96	71
Madison	75,922	149,980	74,058	.....	90	77	105	67	72	91	110	55
Marion	39,301	43,089	3,788	.....	72	87	93	66	60	87	150	120
Marshall	†80,000	§67,575	.....	12,425	87	99	81	57	77	93	107	82
Mason	†43,675	†43,675	.....	.....	80	97	82	62	54	76	90	85
Massac	10,876	13,230	2,354	.....	106	82	110	80	37	90	100	100
McDonough	†76,882	†76,882	.....	.....	72	80	90	42	105	76	95	77
McHenry	56,546	56,835	289	.....	96	104	92	75	82	115	100	92
McLean	237,429	218,215	.....	19,214	88	95	84	52	90	80	108	90
Menard	72,150	75,375	3,225	.....	100	91	89	58	108	95	77	77
Mercer	80,749	81,531	782	.....	90	100	87	68	80	98	100	100
Monroe	16,159	22,352	6,193	.....	101	90	96	95	60	88	87	85
Montgomery	103,213	129,158	25,945	.....	101	82	105	61	69	103	119	50
Morgan	†128,159	142,442	14,283	.....	91	90	92	46	112	111	85	70
Moultrie	45,477	52,869	7,392	.....	103	95	100	45	103	98	101	80
Ogle	116,858	130,277	13,419	.....	100	96	80	68	82	103	103	100
Peoria	87,007	83,525	.....	3,482	70	98	84	51	77	100	105	75
Perry	†12,316	16,233	3,917	.....	90	84	94	64	13	58	122	100
Piatt	60,706	62,700	1,994	.....	98	102	84	52	100	93	105	85
Pike	61,794	84,398	22,604	.....	79	105	80	60	103	89	100	90
Pope	†18,047	19,887	1,840	.....	105	72	102	95	25	60	113	102
Pulaski	10,457	12,130	1,673	.....	97	105	95	110	53	96	113	80
Putnam	27,694	27,349	.....	345	88	100	80	98	68	100	100	90
Randolph	24,684	28,922	4,238	.....	113	86	97	87	18	81	110	90
Richland	24,658	23,626	.....	1,032	92	56	94	98	36	93	102	86
Rock Island	55,825	53,504	.....	2,321	85	95	84	53	68	99	107	90
Saline	15,557	22,910	7,353	.....	82	82	100	62	55	95	107	95
Sangamon	145,120	153,601	8,481	.....	102	100	95	55	111	102	90	75
Schuyler	39,686	42,494	2,808	.....	87	93	89	38	105	88	102	86
Scott	12,855	27,895	15,040	.....	85	108	78	65	107	77	62	75
Shelby	86,308	90,919	4,611	.....	92	85	99	55	84	100	105	85
Stark	59,345	60,802	1,457	.....	99	101	92	70	76	96	100	82
St. Clair	44,273	64,411	20,138	.....	105	75	89	87	57	95	114	100
Stephenson	78,569	74,621	.....	3,948	100	100	92	64	95	101	105	95
Tazewell	104,911	109,007	4,096	.....	95	105	79	48	97	95	110	95
Union	12,113	13,463	1,350	.....	100	102	100	94	65	95	123	110
Vermilion	134,683	146,465	11,782	.....	93	93	108	53	86	117	113	100
Wabash	19,162	18,234	.....	928	99	90	91	7	48	73	104	95
Warren	97,398	102,200	4,802	.....	89	105	88	50	78	96	110	105
Washington	32,425	48,475	16,050	.....	96	72	98	105	7	50	109	75
Wayne	35,321	40,329	5,008	.....	89	65	95	76	18	68	116	100
White	38,058	48,499	10,441	.....	99	71	95	71	25	60	111	87
Whiteside	88,796	100,728	11,932	.....	102	75	75	62	67	102	105	86
Will	115,372	116,728	1,356	.....	95	99	83	64	87	103	100	80
Williamson	15,860	21,984	6,124	.....	100	81	87	75	26	63	112	85
Winnebago	71,857	69,909	.....	1,948	107	105	91	59	93	96	110	95
Woodford	100,398	104,192	3,794	.....	99	105	115	60	98	77	126	72
Total or average	6,898,819	7,303,217	612,032	207,634	94	90	88	65	70	90	103	83

†Estimated.
‡12 townships not reportrd.
§1 township not reported.

PASTURES.

Counties.	Acreage.				Condition.							
	Returned by Assessors, 1884	Returned by Assessors, 1885	Increase 1885.	Decrease 1885.	August 1, 1885.	August 1, 1884.	August 1, 1883.	August 1, 1882	August 1, 1881.	August 1, 1880.	August 1, 1879.	August 1, 1878.
Adams	53,969	55,416	1,447	.....	90	97	96	94	100	78	77	95
Alexander	137	1,058	921	.....	90	100	112	90	75	88	96	100
Bond	27,240	29,152	1,912	.....	112	107	100	101	69	98	86	72
Boone	51,774	53,197	1,423	.....	98	107	100	105	100	103	100	95
Brown	27,392	36,123	8,731	.....	80	100	97	95	110	70	46	95
Bureau	106,216	100,295	.....	5,921	95	105	105	75	82	100	92	105
Calhoun	2,653	2,622	.....	31	90	110	90	87	100	90	74	85
Carroll	61,874	57,940	.....	3,934	99	107	106	100	104	87	105	100
Cass	22,916	25,317	2,401	.....	90	107	106	115	108	80	52	105
Champaign	108,506	109,646	1,140	.....	100	110	103	96	67	92	70	90
Christian	68,396	85,031	16,617	.....	88	100	106	108	60	100	60	90
Clark	28,493	33,603	5,110	.....	74	101	99	94	36	100	86	100
Clay	19,864	24,261	4,397	.....	95	93	100	92	36	71	56	90
Clinton	22,427	24,115	1,688	.....	82	102	108	107	52	72	96	95
Coles	42,483	39,503	.....	2,980	98	110	106	101	68	85	72	112
Cook	82,884	82,117	.....	767	77	80	104	92	101	100	92	100
Crawford	24,472	26,534	2,062	.....	85	90	106	100	55	100	75	100
Cumberland	23,656	17,368	.....	6,288	88	93	100	100	83	101	75	100
DeKalb	118,722	118,764	42	.....	100	102	102	101	105	103	100	100
DeWitt	46,762	51,946	5,184	.....	85	114	106	92	95	87	73	85
Douglas	51,496	56,041	4,545	.....	93	100	100	98	77	85	87	100
DuPage	45,993	52,129	6,136	.....	90	78	108	.....	90	110	100	105
Edgar	90,092	104,777	14,685	.....	95	95	100	94	50	103	97	95
Edwards	11,560	11,168	.....	392	82	90	100	92	90	96	65	85
Effingham	33,951	35,555	1,604	.....	112	79	100	100	68	92	95	105
Fayette	27,013	24,569	.....	2,444	92	85	106	81	62	72	84	85
Ford	38,247	42,980	4,733	.....	102	115	102	105	66	92	84	100
Franklin	*784	2,758	1,974	.....	80	100	106	115	50	97	100	100
Fulton	65,641	86,073	20,432	.....	75	100	100	99	95	90	50	95
Gallatin	8,840	11,088	2,248	.....	75	91	88	96	56	82	95	100
Greene	54,329	72,196	17,867	.....	95	102	103	95	100	106	62	100
Grundy	62,398	96,030	33,632	.....	86	102	105	90	100	92	83	90
Hamilton	58,120	19,236	.....	38,884	90	92	99	96	26	82	100	60
Hancock	66,923	67,015	92	.....	82	97	103	100	98	94	60	90
Hardin	1,992	5,775	3,783	.....	55	80	100	90	65	91	90	100
Henderson	*61,845	75,018	13,173	.....	90	100	106	96	86	97	70	108
Henry	116,949	122,490	5,541	.....	72	102	103	106	82	92	92	92
Iroquois	112,794	133,261	20,467	.....	90	104	10	100	105	100	75	105
Jackson	8,282	8,769	487	.....	80	100	10	75	27	90	103	100
Jasper	21,066	19,784	.....	1,282	100	90	10	100	32	92	78	100
Jefferson	26,871	31,888	5,017	.....	92	83	10	100	38	100	90	90
Jersey	*23,146	28,106	4,960	.....	100	107	9	72	80	75	30	80
JoDaviess	80,469	95,837	15,368	.....	95	105	106	106	101	91	97	108
Johnson	4,611	15,688	11,077	.....	80	97	10	92	37	80	83	105
Kane	96,632	108,623	11,991	.....	97	91	108	105	103	105	95	95
Kankakee	59,683	75,466	15,783	.....	86	104	107	83	95	102	80	100
Kendall	47,968	53,416	5,448	.....	75	92	97	85	75	100	84	80
Knox	118,118	126,704	8,586	.....	79	105	110	112	98	88	76	105
Lake	76,735	81,164	4,429	.....	95	86	106	101	109	104	90	100
LaSalle	107,161	111,930	4,789	.....	91	99	101	105	74	97	80	90
Lawrence	26,817	21,228	.....	5,589	78	87	100	100	37	96	53	100

PASTURES—Continued.

Counties.	ACREAGE.				CONDITION.							
	Returned by Assessors, 1884.	Returned by Assessors, 1885.	Increase 1885.	Decrease 1885.	August 1, 1885.	August 1, 1884.	August 1, 1883.	August 1, 1882.	August 1, 1881.	August 1, 1880.	August 1, 1879.	August 1, 1878.
Lee	*74,120	†37,366	.....	36,754	104	106	100	106	106	106	96	95
Livingston	102,332	110,576	8,244	.....	92	105	108	97	75	87	80	100
Logan	67,662	64,420	.....	3,242	100	107	103	97	100	73	67	100
Macon	60,386	60,281	.....	105	98	105	100	94	82	88	62	100
Macoupin	81,684	90,058	8,374	.....	87	102	105	101	101	114	43	95
Madison	46,247	60,100	13,853	.....	87	89	107	94	79	88	62	90
Marion	32,179	37,229	5,050	.....	87	80	95	89	30	95	100	90
Marshall	*45,000	‡47,918	2,918	.....	93	110	105	92	97	93	82	95
Mason	*7,076	*7,076	.....	.....	80	103	98	92	70	92	43	90
Massac	2,299	3,750	1,451	.....	99	105	96	85	52	88	96	100
McDonough	*49,892	*49,892	.....	.....	75	100	105	105	100	63	40	95
McHenry	129,542	131,041	1,499	.....	95	99	100	100	100	110	100	100
McLean	158,237	151,067	.....	7,170	91	105	104	96	91	80	74	100
Menard	37,730	37,000	.....	730	100	102	100	102	95	78	60	90
Mercer	90,788	92,920	2,132	.....	84	97	100	101	93	80	70	92
Monroe	7,253	5,836	.....	1,417	101	102	103	110	65	80	65	75
Montgomery	67,482	79,681	12,199	.....	95	104	103	93	69	83	60	100
Morgan	*80,819	101,055	20,236	.....	97	103	116	109	87	107	31	110
Moultrie	26,086	28,901	2,815	.....	96	103	95	95	68	87	62	100
Ogle	88,928	94,375	5,447	.....	100	107	106	103	105	100	99	105
Peoria	48,322	53,030	4,708	.....	67	93	112	103	93	90	90	95
Perry	*4,994	10,138	5,144	.....	90	97	99	94	56	85	85	95
Piatt	20,791	28,932	8,141	.....	100	105	105	97	90	101	86	95
Pike	35,632	52,288	16,656	.....	99	108	100	116	93	93	50	105
Pope	*6,812	8,337	1,525	.....	100	100	100	102	17	72	68	80
Pulaski	1,685	3,352	1,667	.....	103	115	108	120	62	98	85	100
Putnam	25,133	29,767	4,634	.....	93	105	106	106	87	100	95	105
Randolph	13,368	18,097	4,789	.....	102	100	105	107	50	103	95	95
Richland	39,424	29,293	.....	10,131	81	80	103	102	36	95	62	90
Rock Island	56,087	59,554	3,467	.....	84	101	98	102	85	94	96	100
Saline	5,114	9,853	1,739	.....	85	100	100	95	48	100	105	100
Sangamon	109,182	109,904	722	.....	97	102	110	102	106	107	40	101
Schuyler	39,444	36,927	.....	2,517	80	107	102	92	92	90	54	95
Scott	7,029	15,650	8,621	.....	78	102	87	100	91	96	23	105
Shelby	63,153	65,610	2,457	.....	87	99	106	100	76	89	62	100
Stark	36,700	43,132	6,432	.....	86	102	100	100	95	97	81	90
St. Clair	17,273	18,784	1,511	.....	98	97	104	100	25	77	77	97
Stephenson	64,030	61,058	.....	2,972	100	105	97	96	105	95	91	100
Tazewell	57,257	53,083	.....	4,174	93	102	104	100	82	107	70	100
Union	4,714	6,257	1,543	.....	83	102	87	90	46	95	102	100
Vermilion	125,476	126,750	1,274	.....	107	118	130	109	91	100	108	105
Wabash	14,139	9,220	.....	4,919	82	79	92	99	40	95	81	90
Warren	106,853	117,542	10,689	.....	90	105	105	105	94	83	88	100
Washington	22,836	35,655	12,819	.....	85	88	105	106	30	50	14	100
Wayne	24,015	32,480	8,465	.....	80	82	102	107	30	93	85	95
White	17,884	21,469	3,585	.....	70	77	95	88	30	85	85	80
Whiteside	83,176	97,094	13,918	.....	100	*109	105	92	75	95	100	95
Will	117,892	121,808	3,916	.....	67	98	105	89	97	95	90	90
Williamson	8,838	11,189	2,351	.....	85	98	101	97	27	76	87	85
Winnebago	69,059	68,049	.....	1,010	105	104	95	100	103	101	100	100
Woodford	45,557	45,544	.....	13	100	105	115	96	104	81	73	85
Total or average	5,094,893	5,458,140	506,313	143,666	90	109	102	98	75	91	78	96

FARM CROPS.

Condition or Acreage.

Counties.	Corn.... Condition Aug. 1, 1885	Per Cent.	Broom Corn.. Condition Aug. 1, 1885.....	Per Cent.	Sorgh'm Condition Aug. 1, 1885	Per Cent.	Cotton.. Condition Aug. 1, 1885	Per Cent.	Hemp. Acreage compared with 1884.....	Per Cent.	Tobacco Condition Aug. 1, 1885.....	Per Cent.	Castor Beans. Condition Aug. 1, 1885.....	Per Cent.	Pastr's. Condition Aug. 1, 1885.....	Per Cent.	Irish P'tat's. Condition Aug. 1, 1885.....	Per Cent.	Sweet P'tat's. Condition Aug. 1, 1885.....	Per Cent.	Buck-wheat. Acreage compared with 1884	Per Cent.	Condition Aug. 1, 1885.....	Per Cent.
Adams	95	....	....	....	80	....	....	....	....	....	....	....	....	....	90	....	85	....	82	....	90	....	80	....
Alexander	100	90	....	....	80	....	....	....	....	....	100	....	....	....	90	....	100	....	100	....	....	....	....	....
Bond	97	..	....	....	87	....	....	....	....	....	....	107	....	....	112	....	98	....	94	....	117	....	100	....
Boone	85	90	....	....	....	....	....	....	....	....	....	....	....	....	98	....	100	....	....	....	88	....	93	....
Brown	80	....	....	....	75	....	....	....	....	....	90	....	....	....	80	....	100	....	80	....	....	....	....	....
Bureau	92	90	....	....	75	....	....	....	....	....	....	....	....	....	95	....	89	....	....	....	90	....	90	....
Calhoun	94	....	....	....	92	....	....	....	....	....	75	....	....	....	90	....	94	....	88	....	100	....	80	....
Carroll	96	....	....	....	90	....	....	....	....	....	....	....	....	....	99	....	100	....	....	....	100	....	100	....
Cass	98	....	....	....	100	....	....	....	....	....	....	....	....	....	90	....	100	....	100	....	....	....	....	....
Champaign	120	100	....	....	100	....	....	....	....	....	....	....	....	....	100	....	100	....	100	....	100	....	100	....
Christian	84	87	....	....	92	....	....	....	....	....	....	....	....	....	88	....	93	....	94	....	100	....	100	....
Clark	81	89	....	....	84	....	....	....	....	....	90	....	....	....	74	....	93	....	90	....	107	....	94	....
Clay	97	97	....	....	95	....	....	....	....	....	95	100	....	....	95	....	102	....	97	....	160	....	95	....
Clinton	80	90	....	....	85	....	....	....	....	....	100	100	....	....	82	....	95	....	92	....	80	....	62	....
Coles	01	97	....	....	90	....	....	....	....	....	95	....	....	....	98	....	99	....	97	....	95	....	95	....
Cook	96	....	....	....	100	....	....	....	....	....	100	....	....	....	77	....	99	....	....	....	100	....	95	....
Crawford	85	100	....	....	89	....	....	....	....	....	83	100	....	....	85	....	96	....	84	....	80	....	85	....
Cumberland	69	97	....	....	76	....	....	....	....	....	90	....	....	....	88	....	96	....	91	....	88	....	95	....
DeKalb	100	100	....	....	92	....	....	....	....	....	....	....	....	....	100	....	95	....	....	....	85	....	100	....
DeWitt	90	100	....	....	97	....	....	....	....	....	....	....	....	....	85	....	99	....	105	....	100	....	100	....
Douglas	100	77	....	....	90	....	....	....	....	....	90	....	....	....	93	....	103	....	83	....	100	....	100	....
DuPage;	100	..	....	....	....	....	....	....	....	....	....	....	....	....	90	....	95	....	....	....	....	....	....	....
Edgar	97	95	....	....	95	....	....	....	....	....	....	....	....	....	95	....	96	....	88	....	120	....	95	....
Edwards	110	....	....	....	95	....	..	....	....	....	95	100	....	....	82	....	105	....	95	....	100	....	85	....
Effingham	117	....	....	....	102	....	....	....	....	....	96	....	....	....	112	....	100	....	100	....	97	....	90	....
Fayette	97	97	....	....	95	....	....	....	....	....	87	....	....	....	92	....	101	....	92	....	99	....	94	....
Ford	102	....	....	....	82	....	....	....	....	....	....	....	....	....	102	....	102	....	100	....	105	....	110	....
Franklin	98	87	....	....	90	....	....	....	....	....	67	82	....	....	80	....	101	....	90	....	105	....	92	....
Fulton	89	75	....	....	92	....	....	....	....	....	....	....	....	....	75	....	80	....	92	....	100	....	95	....
Gallatin	84	....	....	....	85	....	....	....	....	....	90	90	....	....	75	....	85	....	90	....	....	....	....	....
Greene	100	90	....	....	95	....	....	....	....	....	97	82	....	....	95	....	106	....	87	....	100	....	100	....
Grundy	94	....	....	....	87	....	....	....	....	....	....	....	....	....	86	....	80	....	80	....	40	....	75	....
Hamilton	107	110	....	....	105	....	....	....	....	....	100	....	....	....	90	....	100	....	100	....	....	....	....	....
Hancock	101	....	....	....	95	....	....	....	....	....	90	100	....	....	82	....	79	....	88	....	85	....	80	....
Hardin	65	....	....	....	55	....	....	....	....	....	64	....	....	....	55	....	70	....	65	....	....	....	....	....
Henderson	73	....	....	....	72	....	....	....	....	....	90	..	....	....	90	....	87	....	88	....	100	....	97	....
Henry	78	90	....	....	92	....	....	....	....	....	....	90	....	....	72	....	82	....	75	....	75	....	63	....
Iroquois	105	100	....	....	92	....	....	....	....	....	....	....	....	....	90	....	85	....	95	....	85	....	100	....
Jackson	75	....	....	....	....	....	....	....	....	....	....	....	....	....	80	....	100	....	100	....	....	....	....	....
Jasper	100	100	....	....	100	....	....	....	....	....	80	....	....	....	100	....	90	....	80	....	100	....	100	....
Jefferson	100	100	....	....	93	....	....	....	....	....	100	103	....	....	92	....	97	....	89	....	100	....	87	....
Jersey	92	....	....	....	100	....	....	....	....	....	....	....	....	....	100	....	100	....	100	....	....	....	....	....
JoDaviess	100	....	....	....	100	....	....	....	....	....	95	....	....	....	95	....	102	....	....	....	102	....	100	....
Johnson	100	....	....	....	125	....	....	....	....	....	100	....	....	....	80	....	100	....	100	....	....	....	....	....
Kane	97	...	....	....	....	....	....	....	....	....	....	....	....	....	97	....	109	....	...	....	108	....	105	....
Kankakee	99	100	....	....	97	....	....	....	....	....	....	....	....	....	86	....	77	....	50	....	80	....	98	....
Kendall	84	....	....	....	....	....	....	....	....	....	....	....	....	....	75	....	84	....	100	....	97	....	98	....
Knox	88	90	....	....	87	....	....	....	....	....	....	....	....	....	79	....	86	....	88	....	75	....	100	....
Lake	88	82	....	....	82	....	....	....	....	....	....	....	....	....	95	....	92	....	....	....	90	....	91	....
LaSalle	91	....	....	....	100	....	....	....	....	....	....	....	....	....	91	....	97	....	100	....	95	....	97	....
Lawrence	97	90	....	....	90	....	....	....	....	....	....	....	....	....	78	....	90	....	100	....	80	....	80	....

FARM CROPS.--Continued.

Condition or Acreage.

Counties.	Corn.—Condition Aug. 1, 1885	Broom Corn.—Condition Aug. 1, 1885	Sorgh'm.—Condition Aug. 1, 1885	Cotton.—Condition Aug. 1, 1885	Hemp.—Acreage compared with 1884	Hemp.—Condition Aug. 1, 1885	Tobacco—Condition Aug. 1, 1885	Castor Beans.—Condition Aug. 1, 1885	Pastr's.—Condition Aug. 1, 1885	Irish P'tat's.—Condition Aug. 1, 1885	Sweet P'tat's.—Condition Aug. 1, 1885	Buck Wheat.—Acreage compared with 1884	Buck Wheat.—Condition Aug. 1, 1885
	Per Cent.	Per Cent.	Per Cent	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.
Lee	92	....	....	....	....	....	....	....	104	107	100	....	....
Livingston	87	80	77	....	....	....	....	....	92	95	....	75	82
Logan	104	...	100	....	....	....	....	....	100	100	99	....	....
Macon	97	....	97	....	....	....	....	....	98	99	98	....	....
Macoupin	95	....	87	....	....	....	....	90	87	100	95	100	90
Madison	90	85	85	....	....	....	100	....	87	105	100	95	100
Marion	72	72	85	....	....	....	100	..	87	95	90	....	85
Marshall	87	...	92	....	....	....	....	95	93	97	100	90	100
Mason	80	....	..	....	....	....	..	....	80	95	100	90	100
Massac	106	....	100	....	....	....	97	....	99	106	106	100	150
McDonough	72	....	90	....	....	...	....	....	75	75	100	75	75
McHenry	96	100	100	....	....	....	....	....	95	90	100	118	96
McLean	88	..	90	....	....	....	....	..	91	92	96	100	100
Menard	100	100	97	....	....	....	....	....	100	100	97	100	100
Mercer	90	75	87	....	....	....	....	....	84	75	....	...	....
Monroe	101	97	98	....	...	....	...	87	100	98	88	....	.. .
Montgomery,	101	....	102	....	....	....	100	....	95	104	96	100	95
Morgan	91	....	80	....	...	. ..	....	....	97	98	90	....	....
Moultrie	103	100	100	....	....	....	100	....	96	104	104	....	....
Ogle	100	100	100	....	75	95	....	....	100	97	97	83	100
Peoria	70	....	90	....	....	....	....	...	67	75	97	80	....
Perry	90	110	93	....	....	....	....	77	90	77	90	100	90
Piatt	98	100	100	....	....	....	100	....	100	102	100	102	100
Pike	79	100	77	..	....	....	....	....	99	100	90	....	....
Pope	105	....	100	....	....	....	.	....	100	100	100	.	....
Pulaski	97	100	100	....	....	....	100	100	103	98	100	....	....
Putnam	88	90	87	....	....	....		...	93	83	90	....	....
Randolph	113	100	105	....	....	....	100	80	102	107	100	100	100
Richland	92	80	85	....	....	....	....	....	81	79	84	60	87
Rock Island	85	80	80	....	....	....	....	...	84	81	100	95	100
Saline	82	85	75	....	....	...	100	....	85	100	72	....	....
Sangamon	112	100	100	....	....	....	....	....	97	100	100	....	....
Schuyler	87	100	75	..	....	....	....	...	80	92	100	....	....
Scott	85	....	....	..	....	...	....	....	78	92	97	...	....
Shelby	92	100	100	....	....	....	100	....	87	95	100	110	100
Stark	99	100	99	....	....	....	....	....	86	94	94	100	92
St. Clair	105	95	93	....	....	....	....	98	98	100	97	....	....
Stephenson	100	100	100	....	...	....	100	....	100	100	100	100	100
Tazewell	95	90	96	....	....	....	100	....	93	94	84	100	100
Union	100	100	97	....	....	....	....	....	83	90	87	90	85
Vermilion	93	.	100	....	....	....	....	....	107	100	100	...	...
Wabash	99	90	93	....	....	....	100	....	82	98	93	125	100
Warren	89	95	97	....	....	....	95	...	90	88	100	87	93
Washington	96	....	96	....	....	....	100	....	85	107	100	....	....
Wayne	89	100	90	.. .	....	....	90	50	80	100	94	100	100
White	99		92	....	....	....	90	....	70	91	80	100	75
Whiteside	102	100	100	....	....	....	....	....	100	110	105	100	100
Will	95	....	80	....	....	....	75	90	67	83	....	80	85
Williamson	100	100	90	100	....	...	103	85	85	98	90	....	....
Winnebago	107	100	102	....	....	....	90	....	105	98	100	90	90
Woodford	99	97	92	....	....	....	....	....	100	105	100	100	90

FARM AND FRUIT CROPS.

Condition and Yield.

COUNTIES.	Turnip and Root Crops. Acreage compared with 1884	Field Peas. Condition Aug. 1, 1885	Field Beans. Condition Aug. 1, 1885	Apples. Condition Aug. 1, 1885	Peaches Condition Aug. 1, 1885	Pears. Condition Aug. 1, 1885	Plums. Condition Aug. 1, 1885	Grapes. Condition Aug. 1, 1885	Blackberries Yield compared to an average	Quinces Condition Aug. 1, 1885	Clover. Yield per acre in tons	Quality compared to an average
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.		Per cent.
Adams	75	75		....	45	....	50	90	87	100	....	1¾	95
Alexander	100	100	100	100	100	90	90	90	100	75	90	¾	100
Bond	100	92	87	94	77	....	68	54	92	71	60	1¾	98
Boone	..	...	....	80	13	....	....	....	90	10	....	1½	100
Brown	...	100	...	90	45	...	80	80	95	70	....	3	100
Bureau	....	...	....	....	24	....		....	20	45	....	1¾	85
Calhoun	105	95	..	95	67	....	....	37	58	98	...	1½	92
Carroll	95	100	100	100	25	...	..	90	23	....	...	1½	83
Cass	100	100	...	....	70	....	67	50	45	62	....	1	97
Champaign	100	100	....	100	20	....	20	20	10	....	20	2	100
Christian	100	70	64	62	73	..	47	55	68	52	73	1½	98
Clark	100	83	100	92	70	....	37	63	72	16	60	1¾	100
Clay	105	90	....	97	98	....	77	50	75	15	25	1	100
Clinton	100	95		85	97	...	97	105	85	50	90	1¾	100
Coles	97	97	100	93	70	....	54	65	65	68	80	1¾	91
Cook	100	100	....	100	45	...	45	50	75	50	...	1¼	100
Crawford	90	87	90	91	84	....	37	78	79	27	57	1¾	100
Cumberland	96	97	95	91	77	...	55	87	59	52	45	1½	99
DeKalb	....	100	90	97	47	....	..	....	60	72	....	1½	93
DeWitt	98	100	...	100	47	.	55	62	83	42	25	1¾	100
Douglas	100	95	100	82	67	....	60	47	57	90	100	1¼	70
DuPage	75	80	....	....	15	...	....	....	50	....	....	1¼	100
Edgar	100	90		95	41	25	32	38	45	52	....	1¾	100
Edwards	100	100	100	105	102	5	85	82	87	30	95	1½	95
Effingham	94	101	95	97	106	....	100	75	82	34	90	2¼	101
Fayette	103	93	75	91	87	....	81	67	86	57	65	2	100
Ford	107	110		110	26	....	....	150	20	90	..	1¾	93
Franklin	110	95	100	92	82	....	78	75	60	35	75	1¾	100
Fulton	100	95	....	....	33		90	100	80	61	..	2	93
Gallatin	50	50		100	62	35	47	78	100	22	40	1½	90
Greene	100	80	90	90	67	....	75	98	103	92	85	1¾	102
Grundy	....	....		90	47	....	..	55	20	100	...	1	102
Hamilton	100	100	100	100	90	.. .	90	75	75	50	75	1	87
Hancock	73	66	..	90	36	..	45	87	96	61	80	1¾	86
Hardin	40	....	..	74	68	58	. ..	....	67	70	90	2	80
Henderson	40	100	....	...	54	....	....	50	75	56	....	1¾	80
Henry	83	83	80	85	30	....	....	50	64	42	....	1½	85
Iroquois	100	100	..	100	22	....	....	....	15	40	....	1¼	100
Jackson	....	...	100		100	....	.	....	....	10	....	1½	100
Jasper	100	100	100	100	100	....	50	50	50	50	....	1	100
Jefferson	93	100	93	100	100	...	60	73	80	35	85	1¾	92
Jersey	100	100	....	100	77	....	57	50	67	67	50	2	100
JoDaviess	100	100	....	100	38	....	25	102	87	42	....	1	90
Johnson	...	...	....	100	90	50	50	100	100	50	....	1	100
Kane	100	102	100	102	55	....	....	....	38	95		2	97
Kankakee	100	92	....	100	30	....	....	....	51	37	....	1½	96

FARM AND FRUIT CROPS—Continued.

Condition and Yield.

COUNTIES.	TURNIPS AND ROOT CROPS. Acreage compared with 1885	FIELD PEAS. Condition Aug. 1, 1885	FIELD BEANS. Condition Aug. 1, 1885	APPLES. Condition Aug. 1, 1885	PEACHES Condition Aug. 1, 1885	PEARS. Condition Aug. 1, 1885	PLUMS. Condition Aug. 1, 1885	GRAPES. Condition Aug. 1, 1885	BLACK-BERRIES Yield compared to an average	QUINCES Condition Aug. 1, 1885	CLOVER. Yield per acre in tons	Quality compared to an average
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Lee	100	100	...	..	52	....	..	50	25	75	....	1½	95
Livingston	50	50		..	10	....	....	25	15	37	....	1¼	100
Logan	100	95	100	100	71	....	...	90	88	100	....	2	100
Macon	100	100	....	....	66	..	17	..	46	43	....	1½	84
Macoupin	100	100	100	105	83	....	47	69	89	83	75	1½	109
Madison	100	95	....		82	....	87	94	80	93	90	1½	99
Marion	100	100	...	100	95	....	110	62	67	30	....	2	100
Marshall	100	100	100	100	45	75	75	75	67	80	50	1¾	90
Mason	-	...	....		50	..	70	70	95	100	....	..	100
Massac	100	100	100	100	97	..	92	125	100	101	92	1¾	93
McDonough	100	100	...	90	25	....	...	100	62	75	....	1½	100
McHenry	101	96	110	100	31	....	10	57	75	72	....	1½	97
McLean	97	95	....	100	25	....	25	30	52	61	....	1½	100
Menard	100	100	100	100	52	.. .	100	100	70	72	....	1¾	100
Mercer	100	100	....	...	52	....	...	57	85	83	..	1½	90
Monroe	100	90	90	95	85	20	83	90	88	92	85	2	98
Montgomery	100	100	100	100	76	. ..	75	79	97	77	100	1¾	100
Morgan	...	...	..	..	49	....	55	78	59	54	....	2	100
Moultrie	83	93	....	100	65	...	70	75	60	33	...	1½	95
Ogle	97	100	100	100	56	....	....	77	73	67	....	1½	95
Peoria	....	....	...	92	39	....	....	80	35	65	....	1½	94
Perry	....	.	75	80	90	..	67	40	90	52	67	1¼	100
Piatt	100	100	100	100	72	....	50	100	60	92	100	2	100
Pike	100	100	....	100	30	..		75	62	85	...	1¾	105
Pope	100	100	....	90	80	60	75	110	100	80	50	1	100
Pulaski	100	100	85	93	108	80	100	108	84	57	75	1¾	104
Putnam	....		..	..	32	.	10	15	39	50	....	1	72
Randolph	100	100	....	100	89	75	95	100	94	65	92	1¾	103
Richland	100	95	....	93	87	...	92	81	90	35	80	1	100
Rock Island	100	100	100	100	30	....	..	25	67	62	...	1¾	92
Saline	....	...	100	65	80	30	92	95	90	50	70	1	82
Sangamon	100	100	100	100	45	....	75	75	92	75	100	1½	92
Schuyler	....	...	....	95	37	....	32	25	47	70	....	2	95
Scott	....	100		....	77	....	57	72	75	67	....	2	95
Shelby	105	100	100	100	100	....	80	80	100	25	....	2½	105
Stark	100	90	100	100	57	20	....	95	77	92	...	2½	100
St. Clair	110	98	....	...	87	..	75	100	67	110	80	1¾	78
Stephenson	100	100	100	100	64	..	....	94	55	82	...	1¼	83
Tazewell	100	97	100	100	31	....	10	50	42	64	....	1¼	94
Union	....	...	...	95	105	30	80	92	87	30	....	1¾	83
Vermilion	100	100	....	..	37	....	100	70	45	100	....	1	100
Wabash	...	....	...	84	96	....	90	88	97	44	83	1½	96
Warren	100	92	....	100	57	40	40	80	70	76	.	1½	90
Washington	....	....	100	100	105	22	92	91	81	46	100	3	100
Wayne	100	90	80	85	85	...	64	40	69	20	75	1½	102
White	75	50	...	..	84	80	86	59	95	29	55	1¼	89
Whiteside	90	100	....	105	42	...	75	80	70	55	....	...	100
Will	89	88	90	100	41	....	10	40	67	55		1¼	83
Williamson	90	95	100	100	92	5	92	75	70	18	100	1½	100
Winnebago	90	100	....	102	65	....	10	97	37	87	....	1½	92
Woodford	100	100	....	....	35	....	25	60	37	40	....	1¾	100

CONDITION CORN CROP, AUGUST 1, 1885, ETC.

NORTHERN DIVISION. COUNTIES.	Av. condition June 1, 1885.	Av. condition July 1, 1885..	Av. condition Aug. 1, 1885.	Av. condition Aug. 1, 1884..	Av. condition Aug. 1, 1883..	Av. condition Aug. 1, 1882..
Boone	81	80	85	96	77	61
Bureau	92	88	92	87	83	53
Carroll	92	95	96	102	78	50
Cook	89	89	96	92	77	62
DeKalb	95	97	100	107	77	57
DuPage	84	96	100	92	70	75
Grundy	87	88	94	98	54	52
Henderson	60	75	73	100	75	48
Henry	86	81	78	81	79	59
Iroquois	*84	100	105	104	85	52
JoDaviess	90	92	100	92	91	73
Kane	87	93	97	97	81	82
Kankakee	90	91	99	100	72	35
Kendall	80	87	84	84	71	55
Knox	86	92	88	112	88	46
Lake	85	75	88	91	78	65
LaSalle	67	85	91	90	69	52
Lee	95	93	92	100	78	72
Livingston	76	79	87	93	75	57
Marshall	65	85	87	99	81	57
McHenry	95	95	96	104	92	75
Mercer	70	86	90	100	87	68
Ogle	95	92	100	96	80	68
Peoria	65	71	70	98	84	51
Putnam	90	79	88	100	80	98
Rock Island	79	82	85	95	84	53
Stark	80	90	99	101	92	70
Stephenson	91	92	100	100	92	64
Warren	82	87	89	105	88	50
Whiteside	82	100	102	75	75	62
Will	112	91	95	99	83	64
Winnebago	92	88	107	105	91	59
Woodford	82	88	99	105	115	60
Average	84	88	92	97	81	61

CENTRAL DIVISION. COUNTIES.	Av. condition June 1, 1885	Av. condition July 1, 1885..	Av. condition Aug. 1, 1885.	Av. condition Aug. 1, 1884..	Av. condition Aug. 1, 1883..	Av. condition Aug. 1, 1882..
Adams	81	80	90	95	74	59
Brown	75	80	80	95	82	62
Calhoun	84	90	94	105	82	59
Cass	85	105	98	100	73	85
Champaign	100	100	120	100	96	60
Christian	90	82	84	101	85	35
Clark	85	92	81	85	105	58
Coles	84	86	101	80	108	52
Cumberland	88	95	69	68	96	42
DeWitt	73	86	90	101	90	59
Douglas	90	88	100	70	80	56
Edgar	87	103	97	90	95	61
Ford	75	81	102	91	100	59
Fulton	79	92	89	99	85	53
Greene	79	105	100	99	95	63
Hancock	90	95	101	107	80	23
Jersey	85	80	92	93	105	68
Logan	92	95	104	91	85	60
Macon	87	91	97	97	94	52
Macoupin	97	90	95	80	87	60
Mason	90	87	80	97	82	62
McDonough	80	75	72	80	90	42
McLean	66	84	88	95	84	52
Menard	87	97	100	91	89	58
Montgomery	95	86	101	82	105	61
Morgan	99	103	91	90	92	46
Moultrie	86	80	103	95	100	45
Piatt	95	88	98	102	94	52
Pike	87	86	79	105	80	60
Sangamon	87	100	112	100	95	55
Schuyler	70	85	87	93	89	38
Scott	92	86	85	108	78	65
Shelby	83	89	92	85	99	55
Tazewell	80	85	95	105	79	48
Vermilion	97	100	93	93	108	53
Average	86	90	93	93	90	55

SOUTHERN DIVISION. COUNTIES.	Av. condition June 1, 1885..	Av. condition July 1, 1885..	Av. condition Aug. 1, 1885.	Av. condition Aug. 1, 1884..	Av. condition Aug. 1, 1883..	Av. condition Aug. 1, 1882..
Alexander	115	90	100	93	90	95
Bond	86	90	97	94	81	92
Clay	93	100	97	70	82	90
Clinton	71	90	80	67	90	72
Crawford	96	104	85	76	105	68
Edwards	100	100	110	77	110	80
Effingham	94	94	117	71	82	87
Fayette	100	95	97	75	91	56
Franklin	95	111	98	85	93	92
Gallatin	90	110	84	81	102	93
Hamilton	80	112	107	65	90	66
Hardin	49	97	65	67	90	70
Jackson	75	80	75	110	87	100
Jasper	87	87	100	75	75	72
Jefferson	110	100	100	53	98	76
Johnson	91	113	100	83	96	90
Lawrence	102	105	97	85	106	65
Madison	90	94	90	77	105	67
Marion	100	87	72	87	93	66
Massae	100	100	106	82	110	80
Monroe	86	100	101	90	96	95
Perry	89	101	90	84	84	64
Pope	100	110	105	72	102	95
Pulaski	101	112	97	105	95	110
Randolph	97	103	113	86	97	87
Richland	95	102	92	56	94	98
Saline	85	110	82	82	100	62
St. Clair	85	95	105	75	89	87
Union	100	100	100	102	100	94
Wabash	97	96	99	70	91	70
Washington	100	103	96	72	98	105
Wayne	80	92	89	65	95	76
White	86	97	99	71	95	71
Williamson	100	103	100	81	87	75
Average	91	99	95	79	94	81

*Estimated.

WEATHER REVIEW

Illinois Department of Agriculture,

MONTH OF JULY, 1885.

This review contains a general summary of the conditions which prevailed over Illinois during the month of July 1885, based upon the reports received from the signal service and voluntary observers reporting to the Illinois Department of Agrieulture.

DIVISIONS.

The State covers such an extended area from north to south (385 miles) that it has been found advisable to divide the same and follow the judicial divisions which include the following territory, viz; northern division extends from 42°.30 to about 40°.31; the central division extends from about 40°.31 to about 39°; the southern division from about 39° to 36°.51.

TEMPERATURE.

The mean temperature of July, 1885, as reported by observers at twenty-five stations, so distributed as to fairly represent each section of the State, was as follows: Above the July mean at twenty-four stations; below the July mean at one station. No comparison is made at the twelve new stations reporting July observations for the first time.

The July mean temperature of the State the past five years has been as follows, viz: 1881, 78°.82; 1882, 72°.73; 1883, 74°.66; 1884, 73°.80; 1885, 78°.17.

The highest temperature noted in July for a term of years has been as follows: 1881, 104°.0; 1882, 97°.0; 1883, 99°.0; 1884, 98°.0; 1885, 104°.0; and the lowest temperature for same month has been as follows: 1881, 53°.70; 1882, 45°.0; 1883, 47°.0; 1884, 50°.0; 1885, 39°.0.

The highest temperature reported in July, 1885, was 104°.0 on the 30th at Peoria. The lowest 39°.0 on the 1st at Wilton Center. The highest temp erature during the month at the majority of the stations was on the 30th; the lowest on the 1st. There were no sudden changes in the temperature during July and the departures from the monthly mean were not marked.

The monthly mean temperature in the northern division of the State was 76°.0. The greatest departures during July in this portion of the State were as follows, when the daily mean temperature was as noted, 1st, 2d and 17th, 67°.0; 11th, 68°.0.

The July mean in the central division of the State was 78°.0. The departures from the monthly mean in central Illinois worthy of attention occurred as follows, when the temperature was as noted, 1st, 65°.0; 2nd, 70°.0; 11th, 71°.0; 10th, 72°.0; 3d, 6th, 9th, 73°.0.

The monthly mean temperature in the southern division of the State was 80°. The greatest departures in the southern division of the State in July were as follows, when the daily mean was as noted, 1st, 68°.0; 2nd, 70°.0; 3rd, 72°.0; 11th, 73°.0.

The mean temperature for the month was higher than the average temperature of July, as noted at the following stations from which reports have been received for a term of years, viz: At Marengo, McHenry county, 1°.30 above the July average; Chicago, Cook county, 0°.55; Aurora, Kane county, 4°.68; Sycamore, DeKalb county, 1°.05, Prairieville, Lee county, 8°.33; Davenport, Iowa, 0°.45; Wilton Center, Will county, 1°.95; Peoria, Peoria county, 3°.35; Keokuk, Iowa, 1°.12; Springfield, Sangamon county, 1°.32; Griggsville, Pike county, 3°.35; Mattoon, Coles county, 1°.22; Pana, Christian county, 1°.99; Palestine, Crawford county, 2°.48; Greenville, Bond county, 1°.62; St. Louis, Mo., 1°.73; Fairfield, Wayne county, 2°.0; McLeansboro, Hamilton county, 2°.28; Anna, Union county, 0°.21; Galconda, Pope county, 0°.60; Cairo, Alexander county, 0°.50.

This review contains the first observations made for July by the reporters recently appointed at the following stations where the mean temperature for July, 1885, was as follows, viz: Rock Island, Rock Island county 77°.03, Oneida, Knox county, 78°.64; Oquawka, Henderson county, 80°.32; Watseka, Iroquois county, 75°.55; Philo, Champaign county, 78°.0; Hugo, Douglas county, 77°,97; Bunker Hill, Macoupin county, 79°,30; Eberle, Effingham county, 82°.13; Vandalia, Fayette county, 80°.65. Carlyle, Clinton county, 76°.94; Centralia, Marion county, 80°.74; Richview, Washington county, 78°.7; Marion, Williamson county, 82°.62.

The following table gives the monthly mean temperature of the State since the inauguration of the work of collecting meteorological data by this department:

MONTH.	YEAR.									AV.
	1877	1878	1879	1880	1881	1882	1883	1884	1885	
January	.....	29.75	21.89	40.84	15.94	28.38	17.61	18 42	18.62	23.83
February	.....	35.92	28.75	35.00	23,09	39.59	26.44	30.16	18.63	29.70
March	.....	48.00	41.82	38.35	33.01	43.47	36.14	38.23	35.15	39.27
April	.....	56.09	51.12	52.44	45.31	53.50	52.46	50.40	51.90	51.65
May	.....	60.88	63.19	68.06	69.08	58.10	58.89	61.60	60.75	62.57
June	.....	69.31	69.93	72.29	70.53	71.50	69.40	71.08	71.03	70.63
July	74.25	79.95	78.33	75.50	78.82	72.10	74.66	73.80	78.17	76.17

Attention is invited to the tables published elsewhere giving the daily mean temperature for July, 1885, at each station, and the mean temperature of the corresponding month in former years.

PRECIPITATION.

The average precipitation for July, 1885, at the stations reporting is 2.80 inches, which is less than that of any July since 1876 excepting July, 1877, 2.77 inches, and July, 1881, 2.61 inches. The average July rainfall of the State for a term of years is given in the following table as well as the total precipitation for the first seven months of the years 1878 to 1885 inclusive.

MONTH.	YEAR.									AV.
	1877	1878	1879	1880	1881	1882	1883	1884	1885	
January	.....	1.46	1.61	3.86	1.49	2.41	1.87	1.21	2.84	2.00
February	.....	2.31	1.64	2.71	4.68	4.80	6.55	4.03	1 29	3.59
March	.....	2.69	2.26	2.78	2.89	4.47	1.63	2.81	0.51	2.63
April	.....	4.15	2.02	3.79	2.49	3.75	4.17	2.81	4.11	3.41
May	.....	6.01	2.62	5.21	2.48	6.48	5.66	4.27	2.95	4.91
June	.....	3.11	3.88	3.71	6.52	7.58	5.75	5.05	5.64	5.16
July	2.77	4.11	4.10	3.59	2.61	3.55	4.96	4.52	2.80	3.66
Total	2.77	23.84	18.13	25.65	24.16	33.04	30 59	24.70	20.11	3.62

The precipitation in 1885 from January 1 to July 31 of 20.11 inches, is less than that of any corresponding perio during the past eight years with the exception of 1879, when the rainfall for the period named was 18.13 inches.

The comparison of the precipitation for July, 1885, with the corresponding month in former years, is given in a table published elsewhere in this report.

The daily precipitation during the month of July, 1885, exceeding one inch of rainfall occurred as follows:

July 8. Sycamore, DeKalb county, 1.00 inch.

July 9. Aurora, Kane county, 1.55 inches; Sycamore, DeKalb county, 1.00 inch, Wilton Centre, Will county, 1.30 inches; Philo, Champaign county, 1.24 inches; Hugo, Douglas county, 1.25 inches; Pana, Christian county, 1.50 inches; Greenville, Bond county, 1.00 inch; Centralia, Marion county, 1.35 inches; Richview, Washington county, 1.50 inches; Fairfield, Wayne county, 1.37 inches.

July 13. Mascoutah, St. Clair county, 1.20 inches.

July 21. Watseka, Iroquois county, 1.09 inches.

July 22. Oquawka, Henderson county, 1.00 inch; Mattoon, Coles county, 1.17 inches; Greenville, Bond county, 1.25 inches; Mascoutah, St. Clair county, 1.30 inches.

July 23. Rock Island, 1.40 inches; Wilton Centre, Will county, 2.19 inches.

July 30. Oquawka, Henderson county, 1.50 inches.

July 31. Peoria, Peoria county, 1.60 inches; Springfield, Sangamon county, 1.00 inch; Pana, Christian county, 3.00 inches; Collinsville, Madison county, 1.55 inches.

The precipitation for July, 1885, at the following stations was less than the July average for a term of years, as noted: At Marengo, McHenry county, the July, 1885, precipitation was 1.97 inches less than the average rainfall a for term of years; Chicago, Cook county, 1.38 inches less; Aurora, Kane county, 1.41 inches; Sycamore, DeKalb county, 1.16 inches; Prairieville, Lee county, 2.22 inches; Davenport, Iowa, 2.22 inches; Peoria, Peoria county, 0.31 inches; Keokuk, Iowa, 2.65 inches; Springfield, Sangamon county, 0.17 inches; Griggsville, Pike county, 1.37 inches; Palestine, Crawford county, 1.59 inches: Greenville, Bond county, 1.42 inches; Collinsville, Madison county, 1.79 inches; St. Louis, Mo., 1.55 inches; McLeansboro, Hamilton county, 0.69 inches; Anna, Union county, 1.17 inches; Goleonda, Pope county, 2.07 inches; Cairo, Alexander county, 3.22 inches.

The precipitation for July, 1885, exceeded the July average for a term of years as noted at the following stations: At Wilton Centre, Will county, the July precipitation was 0.28 inches more than the average rainfall for a term of years; Mattoon, Coles county, 0.86 inches, Pana, Christian county, 1.16 inches; Mascoutah, St. Clair county, 0.72 inches.

The July rainfall, at the fourteen stations from which observations have not been received for previous years was as follows: Rock Island, 3.80 inches; Oneida, Knox county, 3.13 inches; Oquawka, Henderson county, 3.62 inches; Watseka, Iroquois county, 3.75 inches; Philo, Champaign county, 3.34 inches; Hugo, Douglas county, 4.20 inches; Bunker Hill. Macoupin county, 2.29 inches; Carlyle, Clinton county, 0.62 inches; Centralia, Marion county,

1.63 inches: Richview, Washington county, 2.44; Fairfield, Wayne county, 1.70 inches and Marion, Williamson county, 0.88 inches.

There was a scarcity of rain during the first twenty days of the month, and about one-half of the precipitation for July occurred during the last ten days of the month. The rains were quite general over the State on the 6th, 9th, 13th, 22d and 25th. The rains were more evenly distributed during the month in the northern division of the State where the monthly rainfall averaged 3.27 inches at the several stations. The average precipitation of 2.18 inches is reported for the stations in southern Illinois where the complaints of scarcity of rain during July were more frequent than in any other portion of the State. The average rainfall at stations in the central division of the State was 3.20 inches.

The distribution during the month of July and the amount of precipitation on the days it occurred, are given in the table published elsewhere in this review, for each station from which a report has been received.

HAIL.

Hail storms reported during month of July as noted: Champaign county, Philo, July 9 and 13; Douglas county, Hugo, July 12 and 30; Kane county, Aurora, July 13; Williamson county; Marion, July 29.

LOCAL STORMS.

Christian county, Pana. The storms on the 9th, 13th and 30th were all quite severe. On the 9th the lightning struck a smokestack and house about a block apart, seriously damaging the house. On the 30th the air was full of electricity. The lightning struck twice in town but did no damage except to one tree.

Champaign county, Philo. There was a heavy storm from the north about noon, July 9. The rain fell in torrents for over an hour and the wind was very severe, prostrating oats in a very serious manner and blowing down and breaking off corn. In Harwood township the lightning struck a residence killing two children and shocking other occupants. The water in the Sangamon river was five feet higher than ever before known.

Henderson county, Oquawka. July 22 the lightning struck a house, a horse and telephone wire at different places near here.

McHenry county, Marengo. The greatest velocity of the wind during the month was 60 to 69 miles per hour on the 28th, its direction was north-west and the gale lasted about fifteen minutes: it had a whirling motion from right to left; there was a slight fall of rain and some lightning and thunder, but not enough to call it a thunderstorm.

Knox county, Oneida. There was a very severe storm on the 16th; a barn eight miles south-east of this place was struck and two horses and a mule were killed, and hay and implements contained therein were burned. Eight miles north-west from this place the lightning struck a corn crib and nearly one thousand bushels of corn were burned.

THUNDER STORMS.

Thunderstorms occurred in the counties named during the month of July as noted below: Bond county, Greenville, July 5, 6, 9, 13, 22, 23 and 24. Christian county, Pana, July 9, 13, 21, 22, 24 and 30. Champaign county, Philo, July 6, 9, 13, 23, 24 and 25. Coles county, Mattoon, July 9, 13, 15, 21, 22, 23, 24, 25 and 30. Crawford county, Palestine, July 7, 13, 18, 22, 24, 27 and 29. DeKalb county, Sycamore, July 7, 8, 9, 13, 21, 23 and 25. Douglas county, Hugo, July 13, 21, 22, 24, 26 and 30. Fayette county, Vandalia, July 9, 13, 18, 22, 23 and 25. Hamilton county, McLeansboro, July 5, 13, 15, 17, 21, 22, 23, 24, 25, 26, 29, 30 and 31. Henderson county, Oquawka, July 5, 16, 22 and 30. Iroquois county, Watseka, July 6, 7, 9, 13, 21, 23, 24, 25 and 30. Kane county, Aurora, July 7, 9, 13, 21 and 22. Knox county, Oneida, July 8, 13, 16, 17, 21, 22, 26 and 31. Lee county, Prairieville, July 7, 9, 13, 16, 18, 21, 22, 23 and 28.

Macoupin county, Bunker Hill, July 5, 6, 9, 13, 25 and 31. Marion county, Centralia, July 9, 15, 27 and 29. McHenry county, Marengo, July 9, 13, 22 and 23. Peoria county, Peoria, July 9, 13, 16, 22, 31. Piatt county, Atwood, July 9, 21, 22, 23 and 24. Pike county, Griggsville, July 4, 9, 16 and 25. Pope county, Golconda, July 5, 9 and 18. St. Clair county, Mascoutah, July 5, 9, 13, 21, 22, 25, 26, 28, 29 and 31. Union county, Anna, July 5, 9, 12, 13, 22 and 26. Will county, Wilton Centre, July 7, 9, 13, 21, 22, 23, 25 and 29. Washington county, Richview, July 5, 6, 9, 11, 22, 26, 28 and 29. Warren county, Monmouth, July 22, 25 and 31.

OPTICAL PHENOMENA.

SOLAR HALOS.

Solar halos were observed in the counties named during the month of July as noted: Champaign county, Philo, July 13 and 16. Effingham county, Eberle, July 12 Keokuk, Iowa, July 17. Piatt county, Atwood, July 11, 12 and 22. Pope county, Golconda, July 18. Sangamon county, Springfield, July 2, 14 and 27.

LUNAR HALOS

Lunar halos were observed in the counties named during the month of July as noted: Christian county, Pana, July 16. Keokuk, Iowa, July 21 and 22. Kane county, Aurora, July 26. Lee county, Prairieville, July 22 and 28. McHenry county, Marengo, July 29 and 31. Rock Island, July 24, 26, 27 and 29. Sangamon county, Springfield, July 26 and 27.

METEORS.

Douglas county, Hugo. Meteors were seen on the 19th.

Union county, Anna. A brilliant meteor was observed about 10 P. M., July 19.

POLAR BANDS.

Polar bands were reported during the month at the following stations: McHenry county, Marengo, July 10 and 19.

METEOROLOGY.

Th secience of meteorology is deservedly receiving more attention each succeeding year, especially at the hands of the more intelligent farmers who realize the great practical value of information of this character to all engaged in agricultural pursuits.

NEW OBSERVERS.

The Department desires to secure the assistance of an observer for each county in the State. There are doubtless parties in the counties not represented in this report by observers, that are giving attention to the science of meteorology The attention of all interested in having the meteorological history of each county in the State preserved in the Monthly Weather Review of the Department, is invited to the importance of this work and an earnest invitation is extended to all to aid in completing the meteorological records of the State.

CHARLES F. MILLS,

Secretary.

REMARKS.

METEOROLOGICAL OBSERVERS.

MONTH OF JULY, 1885.

ALEXANDER COUNTY — C. L. BOZZELL, Private, Signal Corps, U. S. A., Cairo. This has been the hottest and driest July since 1881. The mean temperature of the month, 80°, was 1°.20 above the mean of the last five years. The hottest day of the month was the 30th, its mean temperature being 87°.10. The highest temperature was 95°.80, on the 30th; the lowest, 62°.10, on the 3d. The range of temperature was 33°.70; greatest daily range, 20°, on the 7th; least daily range, 7°, on the 11th; mean daily range, 33°.70. Rain fell on 8 days, but the precipitation, 0.82 of an inch, was 3.49 inches less than the July average of the past 5 years. The highest barometer during the month was 30.145 on the 8th, 17th and 18th; the lowest, 29.853, on the 13th; mean, 29.986; range, 0.292. The mean daily dew-point was 70°.70, and the relative humidity 74.90 per cent. The prevailing direction of the wind was south, and its total movement 3,849 miles. Its greatest velocity was 32 miles per hour. There were 7 clear, 21 fair and 3 cloudy days in July. Lunar halo on the 23d. The highest stage of the river was 26.80, and the lowest 15.50.

BOND COUNTY—JOHN B. WHITE, Observer, Greenville. The highest temperature during July was 100°, on the 30th; the lowest, 61°, on the 1st; range, 39; greatest daily range, 25°, on the 14th; least daily range, 4°, on the 13th; mean daily range, 17°.06. The mean temperature of the month, 81°.11, was 1°.62 higher than the mean of the last two years, while the rainfall, 3.97 inches, was 1.42 inches less than the average rainfall of the last two years. The hottest day of the month was the 29th, its mean temperature being 88°.75. Rain fell July 5, 6, 9, 13, 23, 24 and 31. Thunderstorms July 5, 6, 9, 13, 22, 23 and 24. The prevailing wind of the month was southwest.

CHAMPAIGN COUNTY—HUBERT A. BURR, Observer, Philo. Highest barometer, 30.180, on the 18th; lowest, 29.780, on the 30th; mean, 29.910; range, 0.400. Highest temperature, 96°, on the 29th and 31st; lowest, 56°, on the 1st; mean, 77°.71. The range of temperature was 40°; greatest daily range, 21°, on the 14th; least daily range 4°on the 23d; mean daily range, 14°.22. Rain fell July 6, 9, 13, 23, 24 and 25, the precipitation amounting to 3.34 inches. There was a heavy storm from the north about noon of the 9th. The rain fell in torrents for over an hour, and the wind was very severe, flattening many fields of oats in a serious manner and blowing down and breaking off corn. In Harwood township the lightning struck a residence, killing two children and shocking the other occupants. The water in the Sangamon was five feet higher than ever before known. Thunderstorms on the 6th, 9th, 13th, 23d, 24th and 25th. Hail on the 9th and 13th. Solar halos were observed on the 13th and 16th. The prevailing wind of the month was southwest, and its greatest force 70 to 79 miles per hour.

CHRISTIAN COUNTY—J. K. EBERLE, Observer, Pana. Highest temperature, 98°, on the 29th; lowest, 57°, on the 1st; range, 41°; greatest daily range, 20° on the 22d; least daily range, 9°, on the 21st; mean daily range, 14°.90. The mean temperature of the month, 79°.02, was the highest July mean in three years, and was 1°.99 above the average of that time. Rain fell July 6, 9, 13, 22, 25 and 31, the precipitation amounting to 6.61 inches—1.16 inches more than the July mean in a term of three years. Thunderstorms occurred July 9, 13, 21, 22, 23, 24 and 30. Hail fell on the 30th. The storms on the 9th, 13th and 30th were all quite severe. On the 9th the lightning struck a smokestack and a house about a square away, tearing the house badly. On the 30th the air was full of electricity. The lightning struck twice in town, but did no damage except to one tree. There was a lunar halo on the 16th. The prevailing winds of the month were northwest and southwest. There were 12 clear, 5 fair and 14 cloudy days in July.

CLINTON COUNTY—WM. ROGAN, Observer, Irishtown. Highest temperature, 96°, on the 28th; lowest, 58°, on the 1st; mean, 76°.94. The range of temperature for the month was 38°; greatest daily range, 22° on the 31st; least daily range, 6°, on the 23d; mean daily range, 15°.13. Rain fell on 8 days, viz: July 5, 6, 9, 11, 23, 28, 29 and 31, but the precipitation amounted to only 0.62 of an inch.

COLES COUNTY — WM. DOZIER, Observer, Mattoon. Highest temperature, 102°, on the 21st; lowest, 58°, on the 1st; range, 44°; greatest

daily range, 28°, on the 22d; least daily range, 7°, on the 9th; mean daily range, 16°.13. The mean temperature of the month, 79°.16, was 1°.2 above the mean of the last 6 Julys. Rain fell on 12 days, viz: July 6, 9, 11, 13, 18, 21, 22, 24, 25, 26, 27 and 31. The precipitation, 3.80 inches, was 0.86 of an inch above the mean of six Julys past, July, 1883, alone being wetter. Thunderstorms July 9, 13, 15, 21, 22, 23, 24, 25 and 30. The prevailing wind of the month was south, and its greatest velocity 40 to 59 miles per hour.

COOK COUNTY—T. B. JENNINGS, Sergeant, Signal Corps, U. S. A., Chicago. Highest barometer, 30.188, on the 18th; lowest, 29.715, on the 14th; mean, 29.941; range, 0.473 Highest temperature, 93°.90, on the 20th; lowest, 52° 60, on the 1st; range, 41°.30; greatest daily range, 33°.20, on the 19th; least daily range, 5°.90, on the 26th; mean daily range, 15°.30. The mean temperature of the month, 72°.80, was but 0°.55 above the mean of the last 14 Julys. The mean daily dew-point was 63°.60, and the mean relative humidity 74.20 per cent. The prevailing direction of the wind was north, and its total movement 4,233 miles. Its maximum velocity was 26 miles per hour. There were 9 clear, 20 fair and 2 clondy days in July. Rain fell on 13 days, the precipitation, 2.44 inches, being 1.38 inches less than the average rainfall of the last 14 Julys.

CRAWFORD COUNTY—J. E. TEMPLETON, Observer, Palestine. Highest temperature, 94°, on the 29th; lowest, 58°, on the 1st; range, 26°; greatest daily range, 20°, on the 9th and 18th; least daily range, 3°.50, on the 22d; mean daily range, 12°.26. This has been the hottest July in four years, its mean temperature, 78°.86, being 2°.48 above the mean of the last 4 Julys. Rain fell July 9, 13, 18, 22, 23, 24 and 25, and the precipitation amounted to 2.40 inches. This is 1.59 inches less than the average July rainfall of the last four years. Only July, 1882, was drier. There were 24 clear, 2 fair and 5 clondy days during the month. Thunderstorms July 7, 13, 18, 22, 24, 22, 27 and 29. The prevailing wind of the month was south, and its maximum force 6 to 14 miles per hour.

DEKALB COUNTY—ROSWELL DOW, Observer, Sycamore. With the exception of 1881, this has been the warmest July in five years. The highest temperature was 94°.20, on the 20th; the lowest, 53°, on the 11th; range. 41°.20; greatest daily range, 27.°.40 on the 12th; least daily range, 5°.60, on the 7th; mean daily range, 17°.27. The mean temperature of the month, 71°.63, was 1°.05 above the July mean of five years past. Rain fell July 4, 6, 7, 8, 9, 13, 21, 22, 23, 25 and 28, and the precipitation, 4.98 inches, was 1.16 inches less than the average rainfall of the last five Julys. Thunderstorms July 7, 8, 9, 13, 21, 23 and 25. There were 10 clear, 16 fair and 5 cloudy days in July. The wind was n. 5 times, n.e. 6, e. 3, s.e. 21, s. 15, s. w 17, w. 5, n.w. 14, and calm 7 times. The maximum velocity of the wind was 15 to 29 miles per hour.

DOUGLAS COUNTY—A. C. WILLIAMS, Observer, Hugo. Highest temperature, 98°, on the 30th; lowest, 62°, on the 1st; mean, 77°.97. The range of temperature for the month was 36°; greatest daily range, 20°, on the 19th and 22d; least daily range, 4°. on the 21st; mean daily range, 14°, Rain fell on 8 days, viz: July 6, 9, 13, 22, 24, 25, 26 and 30; the precipitation amounted to 4.20 inches. Thunderstorms occurred July 13, 21, 22, 24, 26 and 30. Hail fell on the 12th and 30th. The prevailing wind of the month was s.w,, and its greatest force 30 to 39 miles per hour. Winds followed by rain, n.w. and s.w.; by clear or fair weather, s.w. and n.w. Meteors were seen on the 19th.

EFFINGHAM COUNTY — GEORGE STRONG, Observer Eberle. Highest temperature, 99°, on the 16th; lowest, 54, on the 6th; mean, 82°.13. Range of temperature during July, 45°; greatest daily range, 37°, on the 6th; least daily range, 6°, on the 4th; mean daily range, 14°.68. The prevailing wind of the month was s.w. A solar halo was observed on the 12th and a lunar halo on the 16th. Rain fell on 11 days, viz: July 5, 8, 11, 17, 22, 23, 24, 25, 26 and 29.

FAYETTE COUNTY—JOS. URBAIN, Observer, Vandalia. Highest barometer, 30.200, on the 18th; lowest, 29.830, on the 5th and 14th; mean, 29.990; range, 0.370. Highest temperature, 100°, on the 29th and 30th; lowest, 64°, on the 1st and 2d; mean, 80°.65. Range of temperature for July, 36°.; greatest daily range, 23°, on the 9th; least daily range, 10°, on the 12th; mean daily range, 16°.61. There were 9 clear, 17 fair and 5 cloudy days during the month. Rain fell on 7 days and thunderstorms occurred on 6 days, viz: July 9, 13, 18, 22, 23 and 25. The prevailing wind of the month was n.

HAMILTON COUNTY—WM. P. GIBBS, Observer, McLeansboro. This has been the hottest and driest July in four years. Although rain fell on 9 days, the precipitation amounted to only 1.74 inches—0.69 of an inch less than the July average for four years past, while the mean temperature, 79°.12, was 2°.28 above the average temperature of the last four Julys. The highest temperature, 102°.50, occurred on the 20th; lowest, 53°, on the 2d, range, 49°.50. There were thunderstorms July 5, 13. 15, 17, 21, 22, 23, 24, 25, 26, 29, 30 and 31. There were 2 clear, 25 fair and 4 cloudy days in July. The wind was n. 2 times, n.e 6. e. 1, s.e., 2, s. 8, s.w. 15, w. 11, and n.w. 5 times. Its greatest velocity was 15 to 29 miles per hour.

HANCOCK COUNTY—FRED. Z. GOSEWISCH, Sergeant, Signal Corps, U. S A., Keokuk, Ia. Highest barometer, 30.175, on the 17th; lowest, 29.700, on the 5th; mean, 29.934; range, 0.475. Highest temperature, 99°, on the 20th; lowest, 58°, on the 1st; range, 41°; greatest daily range, 26°, on the 18th; least daily range, 12°, on the 17th; mean daily range, 18°.60. The mean temperature of the month, 78°.60, was 1°.12 above the mean of the last 14 Julys, and the precipitation, 2.29 inches, was 2.65 inches less than the average rainfall for the same months. Rain fell July 9, 16, 17, 23, 24, 25, 26 and 27. The mean daily dew-point was 68°.40, and the mean relative humidity 72.40 per cent. The prevailing direction of the wind was s.w., and its total movement 4,833 miles; its maximum velocity was 26 miles per hour. There were 13 clear, 14 fair and 4 cloudy days in July. A solar halo occurred on the 17th and lunar halos on the 21st and 22d.

HENDERSON COUNTY—JAMES PETERSON, Observer, Oquawka. Highest temperature, 99°, on the 30th; lowest, 60°, on the 1st; mean, 80°.32; range, 39°; greatest daily range, 22°, on the 21st; least daily range, 3°, on the 25th; mean daily range, 15°.26. Rain fell in quantities to measure on 6 days, viz: July 5, 8, 13, 16, 22 and 30, the precipitation being 3.62 inches. Thunderstorms July 5, 16. 22 and 30. On the 22d the lightning struck a house, a horse and a telephone wire at different places near here. There was a heavy wind from the north about 6:30 P. M. of the 28th; it lasted about 15 minutes; no rain accompanied it. The prevailing wind of the month was s.w.

IROQUOIS COUNTY—HENRY UPSALL, Observer, Watseka. Highest temperature, 100°, on the 21st; lowest, 43°, on the 1st; range, 57°;

greatest daily range, 37° on the 1st; least daily range, 8°, on the 9th; mean daily range, 25°.19. Rain fell on 9 days, viz: July 6, 7, 9, 13, 21, 23, 24, 25 and 30, the precipitation amounting to 3.75 inches. Thunderstorms July 6, 7, 9, 13, 21, 23, 24, 25 and 30.

KANE COUNTY—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.160, on the 18th; lowest, 29.740, on the 6th; mean, 29.960; range, 0.420. Highest temperature, 100°, on the 30th; lowest, 46°, on the 1st; range, 54°; greatest daily range, 34°, on the 1st; least daily range. 10°, on the 27th; mean daily range, 23°.39. The mean temperature of the month, 79°.57, was 4°.68 higher than the mean temperature of three Julys past, and the rainfall, 2.59 inches, was 1.41 inches less than the average July rainfall of the past three years. Rain fell on 10 days, viz: July 4, 5, 6, 7, 9, 13, 21, 22, 23 and 25. Thunderstorms July 7, 9, 13, 21 and 22. There was a slight hailstorm on the 13th. There were 14 clear, 8 fair and 9 cloudy days in July. The wind was n. 2 times, n.e. 28, e. 3, s.e. 13, s. 2, s.w. 14, w. 9, and n.w. 15 times; its maximum velocity was 14 to 29 miles per hour. A lunar halo was observed on the 26th and a meteor on the 30th.

KNOX COUNTY—T. A. WETMORE, Observer, Oneida. Highest temperature, 102°, on the 30th; lowest, 58°, on the 1st; mean, 78°.64. The range of temperature for the month was 44°; greatest daily range, 28°, on the 21st; least daily range, 4°, on the 22d; mean daily range, 16°.26. Rain fell on 9 days, viz: July 8, 13, 16, 17, 21, 22, 24, 25 and 31, the precipitation amounting to 3.13 inches. Thunderstorms July 8, 13, 16, 17, 21, 22, 26 and 31. The storm of the 16th was quite severe; it struck a barn 8 miles s.e. of here, killed two horses and a mule, and burned the hay and implements. Eight miles n.w. it struck a corn-crib and burned 800 to 1,000 bushels of corn. There were 11 clear, 13 fair and 7 cloudy days in July. The winds of the month were n.e. 5 times, e. 7, s. 12, s.w. 21, w. 21, n.w. 2, and calm 30 times.

LEE COUNTY—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.790, on the 1st; lowest, 29.680, on the 6th; mean, 29.904: range, 0.510. Highest temperature, 98°, on the 19th; lowest, 58°, on the 1st; range, 40°; greatest daily range. 26°, on the 3d; least daily range, 8°, on the 4th, 10th, 24th and 25th; mean daily range, 15°.70. The mean temperature of the month, 76°.12, was 8°.33 above the mean of the last four Julys. Rain fell on 8 days, viz July 5, 8, 13, 16, 21, 22, 23 and 25, but the precipitation was only 2.78 inches—2.22 inches less than the July average of the last five years. Thunderstorms July 7, 9, 13, 16, 18, 21, 22, 23 and 28. The mean humidity of the month was 70.21 per cent. The prevailing wind was e., and its greatest velocity 30 to 39 miles per hour. Total movement of the wind during July, 3,896 miles. Lunar halos were seen on the 22d and 28th.

MACOUPIN COUNTY—F. C. ZIMMERMAN, Observer, Bunker Hill. Highest temperature, 102°, on the 28th, 29th and 30th; lowest, 50°, on the 1st and 2d; mean, 79°.30; range, 52°; greatest daily range, 34°, on the 2d; least daily range, 19°, on the 6th and 11th; mean daily range, 26°.61. Rain fell on 6 days, viz; July 5, 6, 9, 13, 25 and 31, the precipitation amounting to 2.29 inches. Thunderstorms July 5, 6, 9, 13, 25 and 31. The maximum force of the wind during July was 6 to 14 miles per hour.

MADISON COUNTY—J. L. R. WADSWORTH, Observer, Collinsville. Highest temperature, 96° on the 30th; lowest, 52°.50, on the 6th; mean, 74°.20; range, 43°.50; greatest daily range, 24°.50, on the 2d; least daily range, 11°, on the 11th; mean daily range, 19°.71. The mean temperature was 5° below the July mean, but in spite of this the heat during the latter half of the month was almost unendurable, and there were a number of cases of sunstroke. Rain fell July 5, 6, 9, 11, 22, 26 and 31, the precipitation amounting to 2.37 inches, which was 1.79 inches less than the average July rainfall.

MARION COUNTY—J. L. HALLAM, Observer, Centralia. Commencing with the 4th, the temperature of July has been unusually high, and the precipitation light. During the latter half of the month especially, the heat was intense, and interfered materially with all kinds of business, especially with farm labor. The highest point reached was 99°, at 2 P. M. on the 30th; the lowest, 58°. on the 1st; mean, 80°.74. The range of temperature was 41°; greatest daily range, 25°, on the 2d; least daily range, 10°, on the 12th; mean daily range, 17°.13. Rain fell on but 5 days, viz: July 5, 9, 11, 15 and 28, and the precipitation was only 1.63 inches. Thunderstorms July 9, 15, 27 and 29. There were 20 clear, 2 fair and 9 entirely cloudy days in July. The prevailing wind of the month was s.e., and its greatest force 6 to 14 miles per hour.

McHENRY COUNTY—JOHN W. JAMES, Observer, Marengo. Highest temperature, 91°.70, on the 19th; lowest, 48°, on the 1st; range. 43°.70; greatest daily range, 20°.60, on the 19th; least daily range, 7°, on the 17th and 23d; mean daily range, 14°.40. The mean temperature, 71°.80, was 1°.30 higher than the mean of 24 Julys past. Rain fell July 4, 6, 7, 9, 13, 16, 18, 22, 23, 24, 25 and 28. The precipitation, 2.07 inches, was 1.97 inches less than the average rainfall of the last 24 Julys. Thunderstorms occurred July 9, 13, 22 and 23. There were 8 clear, 17 fair and 6 cloudy days during the month. The wind was n. 5 times, n.e. 18, e. 5, s.e. 3, s. 12, s.w. 23, w. 12, n.w. 14, and calm 3 times; its greatest velocity was 60 to 69 miles per hour on the 28th; its direction was n.w., and the gale lasted about 15 minutes; it had a whirling motion from right to left; a slight fall of rain and a little lightning and thunder accompanied it, but not enough to call it a thunderstorm. There was another blow on the 29th, but not so violent as the one the day before. On the 8th there was the most brilliant parhelion ever observed here in summer. Polar bands were seen on the 10th and 19th, and lunar halos on the 29th and 31st.

PEORIA COUNTY—FRED. BRENDEL, Observer, Peoria. Highest barometer, 29.770, on the 17th; lowest, 29.370, on the 6th; mean, 29.559; range, 0.400. Highest temperature, 104°, on the 30th; lowest, 53°, on the 1st; range, 51°. The mean temperature of the month, 81°.15, was 3°.35 above the July mean of the past 30 years, and the rainfall, 3.73 inches, was 0 31 of an inch less than the average July rainfall of the last 30 years. Rain fell on 10 days, viz: July 5, 6, 7, 8, 9, 13, 16, 22, 25 and 31. Thunderstorms July 9, 13, 16, 22 and 31. The mean humidity of the month was 64 per cent. The prevailing wind of the month was e., and its greatest velocity 15 to 29 miles per hour.

PIATT COUNTY—J. W. C. GRAY, Observer, Atwood. Highest temperature, 83°.33, on the 20th and 29th; lowest, 48°, on the 1st; range, 35°.33; greatest daily range, 14°.33, on the 2d; least daily range, 2° on the 21st; mean daily range 8°.27. There were 15 clear, 10 fair and 6 cloudy days in July. Thunderstorms occurred July 9, 21, 22, 23 and 24. Solar halos occurred July 11, 12 and 22.

PIKE COUNTY—A. MONROE, Observer, Griggsville. Highest barometer, 30.240, on the 1st; lowest, 29.840, on the 5th; mean, 30.000; range, 0.400. Highest temperature, 97°, on the 21st, lowest, 61°, on the 1st; range, 36°; greatest daily range, 26°, on the 14th; least daily range, 4°, on the 23d; mean daily range, 15°.93. The mean temperature of the month, 77°.10, was 2°.35 above the mean of the last four Julys, and was the hottest of the four. Rain fell July 5, 9, 11, 16, 23 and 25, the precipitation amounting to 1.26 inches. This was the driest July in four years, and was 1.77 inches below the average rainfall of that time. Thunderstorms occurred July 4, 9, 16 and 25; There were 11 clear, 15 fair and 5 cloudy days in the month. The prevailing winds were s.w. and s.e. The maximum velocity of the wind in July was 15 to 29 miles per hour.

POPE COUNTY—J. E. Y. HANNA, Observer, Golconda. Highest temperature, 96°, on the 29th; lowest, 64°, on the 2d; range, 32°; greatest daily range, 17°, on the 7th; least daily range, 2°, on the 11th; mean daily range, 12°. The mean temperature of the month, 79°.47, was 0°.60 above the mean of 8 Julys past. Rain fell on 7 days viz: July 6, 9, 11, 12, 18, 22, 28 and 30, and the precipitation, 2.18 inches, was 2.07 inches below the average rainfall of the last 8 Julys—July, 1881, only was drier. Thunderstorms July 5, 9 and 18. The prevailing winds of the month were n. and n.w., and its greatest force was 6 to 14 miles per hour. There was a solar halo on the 18th. There were 12 clear, 14 fair and but a cloudy days in the month.

ROCK ISLAND COUNTY—D. W. FLAGLER, Observer, Rock Island. Highest temperature, 100° on the 20th; lowest, 57° on the 1st; mean, 77°.03, The range of temperature for the month was 43°; greatest daily range, 38° on the 16th; least daily range, 15° on the 10th. mean daily range, 23°.71. Rain fell on 10 days, the precipitation amounting to 3.80 inches.

ROCK ISLAND COUNTY—R. R. MARTIN, Sergeant, Signal Corps, U. S. A., Davenport, Ia. Highest barometer, 30.171, on the 17th; lowest, 39.707, on the 5th; mean, 29.9.9; range, 0.464. Highest temperature, 97°.40, on the 30th; lowest, 55°.1-, on the 2d; range, 42°.30; greatest daily range, 28°.70, on the 2d; least daily range, 12°.80, on the 25th; mean daily range, 19°.40. The mean temperature, 75°.50, was 0°.45 above the average temperature of the last 14 Julys. The mean daily dew-point was 64°.10, and the mean relative humidity 70 per cent. The prevailing direction of the wind was s.w., and its total movement 5,573 miles. Highest velocity of the wind in July, 44 miles per hour. There were 6 clear, 18 fair and 7 cloudy days in the month. Rain fell on 10 days, the precipitation amounting to 1.66 inches, or 2.22 inches less than the average rainfall of the last 14 Julys. Lunar halos were observed July 24, 26, 27 and 29.

SANGAMON COUNTY — JOHN CRAIG, Sergeant, Signal Corps, U. S. A., Springfield. Highest barometer, 30.133, on the 17th; lowest, 29.745, on the 5th; mean, 29.931; range, 0.387. Highest temperature, 96°.20, on the 30th; lowest, 53°, on the 1st; range, 43°.20; greatest daily range, 24°.60, on the 7th; least daily range, 11°.30, on the 17th; mean daily range, 18°. The mean temperature, 78°.10, was 1°.32 above the mean of 6 Julys past; July, 1879 and 1881, were warmer. The mean daily dew point was 65°.60, and the mean relative humidity 67 per cent. The prevailing wind was s.w., and its total movement 3,522 miles. The greatest velocity of the wind was 25 miles per hour. There were 8 clear, 18 fair and 5 cloudy days in July. Rain fell in quantities to measure on 8 days, the precipitation amounting to 1.82 inches; this was 0.17 of an inch less than the average rainfall of the last 6 Julys. Solar halos were seen July 2, 14 and 27, and lunar halos July 26 and 27.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest temperature, 101°, on the 29th; lowest, 54°, on the 1st; range, 47°; greatest daily range, 28°, on the 6th; least daily range, 12°, on the 3d and 25th; mean daily range, 18°.98. Rain fell on 8 days, viz: July 5, 6, 9, 11, 13, 21, 22 and 31, the precipitation amounting to 5 inches. This was 0.72 of an inch more than the average July rainfall in a term of four years. Thunderstorms occurred July 5, 9, 13, 21, 22, 25, 26, 28, 29 and 31. The storm of the 13th was quite severe, blowing down trees and damaging the corn somewhat.

ST. CLAIR COUNTY—G. A. WEBER, Observer, Corporal, Signal Corps, U. S. A., St. Louis, Mo. Highest barometer, 30.139, on the 16th; lowest, 29.773, on the 6th; mean, 99.962; range, 0.366. Highest temperature, 96°.60, on the 30th; lowest, 60° on the 1st; range, 36°.60; greatest daily range, 21°.60, on the 31st; least daily range, 10°.09, on the 6th; mean daily range, 15°.20. The mean temperature, 80°.50, was 1°.73 higher than the mean of 15 Julys past. The mean daily dew-point was 71°.40, and the mean relative humidity 75.30 per cent. The prevailing wind was s.w., and its total movement 5,119 miles; its greatest force was 22 miles per hour. There were 8 clear, 21 fair and 2 cloudy days in July. Rain fell on 10 days, the precipitation amounting to 2.58 inches. This was 1.55 inches less than the average rainfall of the last 15 Julys.

UNION COUNTY—JOHN D. NEWBEGIN, Observer, Anna. Highest barometer, 30.190, on the 17th; lowest, 29.930, on the 5th; mean, 30.010; range, 0.260. Highest temperature, 96°.50, on the 30th; lowest, 58°, on the 2d; range, 38°.50. The mean temperature, 79°, was 0°.21 above the July mean of the past 10 years, and the rainfall, 2.19 inches, was 1.77 inches less than the average July rainfall of the same time. Rain fell on July 3, 5, 6, 9, 12, 13, 22 and 26. Thunderstorms on the 5th, 9th, 12th, 13th, 22d and 26th. The prevailing winds of the month were s. and s.w.; maximum velocity, 6 to 14 miles per hour. Winds followed by rain, s. and s.w.; by clear or fair weather, n.w. and s.w. A brilliant meteor was observed about 10 P. M. of the 19th.

WARREN COUNTY—J. C. HUTCHINSON, Observer, Monmouth. The highest temperature of the month was 98°, on the 30th; the lowest, 68°, on the 1st; range, 30°; greatest daily range, 18°, on the 30th; least daily range, 1°, on the 25th; mean daily range, 9°.93. Thunderstorms occurred July 22, 25 and 31.

WASHINGTON COUNTY—A. G. SUCKER, Observer, Richview Highest temperature, 93°, on the 30th; lowest, 51°.90, on the 1st; mean, 78°.17; range, 41°.10; greatest daily range, 20°.20, on the 22d; least daily range, 8°.50, on the 12th; mean daiy range, 16°.39. Highest barometer, 30.082, on the 18th; lowest, 29.854, on the 6th and 15th; mean, 29.956; range, 0.228. The mean

humidity of the month was 70.49 per cent. Rain fell on 6 days, viz: July 5, 6, 9, 11, 22 and 26, the precipitation amounting to 2.44 inches. Thunderstorms on the 5th, 6th, 9th, 11th, 22d, 26th, 28th and 29th. The prevailing winds of the month were s.w. and s.e.; maximum velocity of the wind, 40 miles per hour. There were 13 clear, 13 fair and 5 cloudy days in July.

WAYNE COUNTY—JACOB HALL, Observer, Fairfield. Highest temperature, 100°.25, on the 30th; lowest, 56°. on the 2d; range, 44°.25; greatest daily range, 28°, on the 2d; least daily range, 7°, on the 12th. The mean temperature, 81°.20, was 4° above the mean of July, 1884. Rain fell in quantities to measure on but two days, July 6 and 9; the precipitation was 1.70 inches. A light hail fell on the 30th. There were 18 clear, 10 fair and 3 cloudy days in July. Light fog on the 27th. The prevailing winds were w. and s.w.

WILL COUNTY—H. N. RENFREW, Observer; Wilton Center. Highest barometer, 30.130, lowest, 29.680; mean, 29.880; range, 0.450. Highest temperature, 103°, on the 31st; lowest, 39°, on the 1st; range, 64°; greatest daily range, 49°, on the 1st; least daily range, 4°, on the 23d; mean daily range, 22°.68. The mean temperature, 74°.20, was 3°.90 higher than the mean of July, 1884, and the rainfall, 4.70 inches, was 0.56 inches more than the rainfall of that month. Rain fell on 8 days, viz: July 7, 9, 13, 22, 23, 24, 25 and 29. There were 16 clear, 12 fair and 3 cloudy days in July. Thunderstorms July 7, 9, 13, 21, 22, 23, 25 and 29 The prevailing wind was s. to s.w., and its greatest force 5 miles per hour.

WILLIAMSON COUNTY—W. S. WASHBURNE, Observer, Marion. Highest temperature, 95°, on the 26th; lowest, 68°. on the 1st; mean, 82° 62; range, 27°; greatest daily range, 13°, on the 7th; least daily range. 2°, on the 11th and 12th; mean daily range, 8°.13. Rain fell on 6 days, viz: July 11, 12, 17, 21, 22 and 29, the precipitation amounting to but 0.88 of an inch. Large hail fell during the rain of the 29th. The rains of the month have all been local. There were 19 clear, 6 fair and 7 cloudy days in July.

Table of Comparison for July, 1881, 1882, 1883, 1884 and 1885.

	1881.	1882.	1883.	1884.	1885.
Highest barometer	30.272 inches	30.330 inches	30.367 inches	30.360 inches	30.240 inches.
Lowest "	28.830 "	29.260 "	29.180 "	29.240 "	29.370 "
Mean "	29.768 "	29.855 "	29.941 "	29.899 "	29.923 "
Range of "	1.442 "	1.070 "	1.187 "	1.120 "	.870 "
Mean relative humidity.	67.03 per cent	70.85 per cent	72.68 per cent	74.92 per cent	71.25 per cent.
Highest temperature.	104°.	97°.	99°.	98°.	104°.
Lowest "	53°.70	45°.	47°.	50°.	39°.
Mean "	78°.82	72°.73.	74°.66.	73°.80	78°.17.
Range of "	50°.30	52°.	52°.	48°.	65°.
Greatest daily range of temp.	25°.50	23°.10		34°.	49°.
Least " "	5°.	5°.		2°.	1°.
Mean " "	15°.09	14°.53.		15°.96	17°.11.
Average number of clear days.	17.	11		9.	12.
Average number of fair days	9.	13		13.	13.
Average number of cloudy days:	5.	7		9.	6.
Number of days on which rain fell.	5.	10.	9.	11.	11.
Greatest rainfall	7.05 inches, at Marengo.	7.12 inches at Grayville.	8.30 inches at Palestine.	10.60 in. at Prairieville	5.00 in. at Mascoutah.
Least rainfall	0.11 inches, St. Marie.	1.69 in. at Normal.	2.77 in. at Griggsville	1.40 in. at Mascoutah.	.62 in. at Irishtown.
Mean rainfall	2.48 "	3.55 inches.	4.96 inches.	4.52 inches.	2.80 inches
Average daily rainfall	.080 "	.114 "	.160 inches.	.146 inches.	.090 "
Prevailing direction of wind.	S. W.	S. W.	S. W.	N. W. & S. W.	S. W

STATE SUMMARY FOR JULY, 1885.

Highest barometer, 30.240 inches, at Griggsville. Lowest barometer, 29.370 inches, at Peoria. Mean barometer, 29.923 inches. Range of barometer, 0.870 inches. Mean relative humidity, 71.25 per cent. Highest temperature, 104°, at Peoria. Lowest temperature, 39° at Wilton Center. Mean temperature, 78°.17. Range of temperature. 65°. Greatest daily range of temperature, 49°, at Wilton Centre. Least daily range of temperature, 1°, at Monmouth. Mean daily range of temperature, 17°.11. Average number of clear days, 12. Average number of fair days, 13. Average number of cloudy days, 6 Average number of days on which rain fell, 8. Greatest number of days on which rain fell, 13, at Chicago. Least number of days on which rain fell, 2, at Fairfield. Greatest rain-fall, 5.00 inches at Mascoutah. Least rain-fall, 0.62 inches, at Irishtown. Mean rain-fall, 2.80 inches. Average daily rain-fall, 0.090 inches. Prevailing direction of wind, S. W.

Summary of Meteorological Observations for the Month of July, 1885, made to the Department of Argriculture, August 1, 1885. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.

STATIONS.	Elevation above sea level	BAROMETER. Highest barometer during month	BAROMETER. Lowest	BAROMETER. Mean	THERMOMETER. Highest temperature	THERMOMETER. Lowest	THERMOMETER. Mean	HUMIDITY. Mean	*WIND. Prevailing	*WIND. Maximum velocity or force	RAIN. Total rainfall or melted snow	RAIN. No. of days on which 0.01 or more rain or melted snow fell	RAIN. No. of days on which cloudiness averaged 8 or more on a scale of ten	Depth of snow, in inches, on ground at close of month	Total snowfall, in inches, during the month
	Feet.	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inches	No.	No.	Inches	Inches
NORTHERN DIVISION.															
County. *Post Office.*															
McHenry.....Marengo.....	925				91.70	48.00	71.80		S W.	7	2.07	12	6		
Cook .....Chicago.....	661	30.188	29.715	29.941	93.90	52.60	72.80	74.20	N.	4	2.44	13			
Kane.....Aurora.....	676	30.160	29.740	29.960	100.00	46.00	79.57	74.00	N. E.	5	2.59	10	5		
De Kalb.....Sycamore.....	890				94.2	53.00	71.63		S. E.	4	4.98	11	5		
Lee..... Prairieville.....	725	30.190	29.680	29.904	98.00	58.00	76.12	70.21	E.	5	2.78	8	11		
Rock Island....Davenport, (Ia.)		30.171	29.707	29.929	97.40	55.10	75.50	70.00	S. W.	6	1.66	10			
Rock Island....Rock Island....					100.00	57.00	77.03				3.80	10			
Will.. .....Wilton Centre..		30.130	29.680	29.880	103.00	39.00	74.20		S.	2	4.70	8			
Knox.....Oneida.....					102.00	58.00	78.64		W. & S. W.		3.13	9	7		
Henderson.....Oquawka.....					99.00	60.00	80.32		S W.		3.62	6	13		
Peoria.....Peoria.....	475	29.770	29.370	29.559	104.00	53.00	81.15	64.00	E.	5	3.73	10			
Warren.....Monmouth.....					98.00	68.00									
Iroquois.....Watseka.....					100.00	43.00	75.55				3.75	9			
Sums.....				179 173			914.31	352.41		38	39.25	116	47		
Means.....				29.862			76.19	70.48		5	3.27	10	8		
CENTRAL DIVISION.															
Hancock.....Keokuk, (Ia.)...		30.175	29.700	29.934	99.00	58.00	78.60	72.40	S. W.	4	2.29	8			
Sangamon... ..Springfield.....	644	30.133	29.746	29.931	96.20	53.00	78.10	67.00	S W.	4	1.82	9			

Champaign	Philo		30.180	29.780	29.910	96.00	56.00	77.71		S. W.	8	3.34	6	1
Piatt	Atwood					83.33	48.00							
Douglas	Hugo					98.00	62.00	77.97		S W.	5	4.20	8	4
Pike	Griggsville	625	30.240	29.840	30.000	97.00	61.00	77.10		S W.	4	1.26	6	3
Coles	Mattoon	724				102.00	58.00	79.16		S.	6	3.80	12	
Christian	Pana	760				98.00	57.00	79.02		N W.	10	6.61	7	17
Macoupin	Bunker Hill					102.00	50.00	79.30			3	2.29	6	
Sums					119.775			626.96	139.40		44	25.61	62	25
Means					29.944			78.37	69.70		5	3.20	8	6
SOUTHERN DIVISION.														
Crawford	Palestine					94.00	58.00	78.86		S.	3	2.40	7	1
Effingham	Eberle					99.00	54 00	82.13		S W.				
Fayette	Vandalia		30.200	29.830	29.990	100.06	64.00	80.65		N.				
Bond	Greenville					100.00	61.00	81.11		S W.		3.97	7	6
Clinton	Carlyle					96.00	58.00	76.94				0.62	8	
Madison	Collinsville					96 00	52.50	74.20				2.37	7	
Marion	Centralia					99.00	58.00	80.74		S E.	3	1 63	5	10
St. Clair	St Louis, (Mo.)		30.139	29.773	29.962	96.60	60.00	80.50	75.30	S W.	5	2.58	10	
St. Clair	Mascoutah					101.00	54.00					5.00	8	
Washington	Richview		30.082	29.854	29.956	93.00	51.90	78.17	70.49	S W. & S E.	6	2.44	6	5
Wayne	Fairfield					100.25	56 00	81.20		W & S W.		1.70	2	3
Hamilton	McLeansboro					102.50	53.00	79.12		S W.	4	1.74	9	4
Williamson	Marion					95.00	68.00	82.62				0.88	6	
Union	Anna	630	30.190	29.930	30.010	96.50	58 00	79.00		S & S W.	3	2.19	8	
Pope	Golconda					96.00	64.00	79.47		W & N W.	3	2.18	8	3
Alexander	Cairo	377	30.145	29.853	29.986	95 80	62.10	80.00	74.90	S.	5	0.82	8	
Sums					149.904			1194.71	220 69		32	30.52	99	32
Means					29.981			79.65	73.56		3	2.18	7	4
State Average					29.923			78.17	71.25		5	2.80	8	6

*WIND—Maximum velocity or force is estimated as follows: 1 Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze, varies between 3 and 5 miles per hour 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10 Most violent hurricane, varies from 100 upwards.

Summary for July, 1885.

STATIONS.	Highest Barometer....	Date	Lowest Barometer....	Date	Mean Barometer.....	Range of Barometer...	Mean Relative Humidity.....	Highest Temperature..	Date	Lowest Temperature ..	Date	Mean Temperature ....
NORTHERN DIVISION.												
County. *Post Office.*												
McHenry..Marengo....	.....	....	.....	.....	.....	.....	.....	91.70	19th	48.00	1st	71.80
Cook.....Chicago	30.188	18th	29.715	14th	29.941	0.473	74.20	93.90	20th	52.60	1st	72.80
Kane.....Aurora.....	30.160	18th	29.740	6th	29.960	0.420	74.00	100.0	30th	46.00	1st	79.57
DeKalb. . Sycamore...	....	.....	.....	.....	.....	.....	....	94.20	20th	53.00	11th	71.63
Lee.....Prairieville..	30.190	.....	29.680		29.904	0.510	70.21	98 00	19th	58.00	1st	76.12
Rock Is'd.Davenp't,(Ia)	30.171	17th	29.707	5th	29.929	0.464	70.00	97.40	30th	55.10	2d	75.50
Rock Is'd.Rock Island..	.....	.....	.... .	.....	.....	....	.....	100.00	20th	57.00	1st	77.03
Will..... Wilton Centre	30.130	.....	29 680	.....	29.880	0.450	.....	103.00	31st	39.00	1st	74.20
Knox.....Oneida.....	.....	.....	.....	.....	.... ..	.....	.....	102.00	30th	58.00	1st	78.64
Henderson.Oquawka...	...	.....	...	.....	.....	... .	.....	99.00	30th	60.00	1st	80.32
Peoria.....Peoria	29.770	17th	29.370	6th	29.559	0.400	64.00	104.00	30th	53.00	1st	81.15
Warren ...Monmouth..	.....	.....	.....	.....	.....	.....	.....	98.00	30th	68.00	1st	.....
Iroquois.....Watseka.	.....	....	.....	.....	.. ....	.....	. . ..	100.00	21st	43.00	1st	75.55
Sums.....	.....	.....	.....	.....	179.173	.....	352.41	....	.....	....	. .	914.31
Means.....	.....	.....	....	.....	29.862	.....	70.48	.....	.....	... .	. ...	76.19
CENTRAL DIVISION.												
Hancock ..Keokuk,(Ia	30.175	17th	29.700	5th	29.934	0.475	72.40	99.00	30th	58.00	1st	78.60
Sangamon Springfield..	30.133	17th	29.740	5th	29.931	0.387	67.00	96.20	30th	53.00	1st	78.10
Champaign.Philo	30.180	18th	29.780	30th	29.910	0.400	.....	96.00	31st	56.00	1st	77 71
Piatt .....Atwood.....	.....	.....	.....	.....	.....	.....	.....	83.33	20th	48.00	1st	.....
Douglas...Hugo.....	.....	.....	.....	.....	.....	.....	.....	98.00	31st	62.00	1st	77.97
Pike.....Griggsville..	30.240	1st	29.840	5th	30.000	0.400	.....	97.00	21st	61.00	1st	77.10
Coles.....Mattoon.	.....	.....	.....	.....	.....	.....	.....	102.00	21st	58.00	1st	79.16
Christian..Pana..... ...	.....	.... .	....	.....	..... .	.....	.... .	98.00	29-30	57.00	1st	79.02
Macoupin Bunker Hill.	.....	. ...	.....	.....	.....	....	.....	102.00	29-30	50.00	1-2	79.30
Sums..... ...	.....	... .	.....	.....	119.775	... ..	139.40	.....	... .	.....	....	626.96
Means	.....	. . .	.....	.....	29.944	.....	69.70	.....	.....	.	.....	78.37
SOUTHERN DIVISION.												
Crawford..Palestine ...	.....	.....	.....	.....	.....	.....	.....	94.00	29th	58.00	1st	78.86
Effingham.Eberle	.....	.....	.....	.....	.....	...	.....	99.00	16th	54.00	6th	82.13
Fayette. ..Vandalia. ..	30.200	18th	29.830	5-14	29.990	0.370	.....	100.00	29-30	64.00	1-2	80.65
Bond.....Greenville ..	.....	.....	.....	.....	.....	.....	.....	100.00	30th	61.00	1st	81.11
Clinton. ..Carlyle.....	.....	....	.....	.....	.....	.....	.....	96.00	28th	58.00	1st	76.94
Madison ..Collinsville..	.....	.....	.....	.....	.....	.....	.....	96.00	30th	52 00	2d	74.20
Marion....Centralia....	.....	....	.....	.....	.....	.....	.....	99.00	30th	58.00	1st	80.74
St.Clair..St.Louis,(Mo.)	30.139	17th	29.773	6th	29.962	0.366	75.30	96.60	30th	60.00	1st	80.50
St. Clair ..Mascoutah..	.....	.....	.....	.....	.....	.....	.....	101.00	29th	54.00	1st	.....
Wash'ton..Richview ...	30.082	18th	29.854	6-15	29.956	0.228	70.49	93.00	30th	51.90	1st	78.17
Wayne....Fairfield	.....	.....	.....	.....	.....	.....	.....	100.25	30th	56.00	2d	81.20
Hamilton..McL'nsboro.	.....	.....	.....	.....	.....	.....	.....	102.50	20th	53.00	2d	79.12
Willi'm'sn.Marion.....	.....	.....	.....	.....	.....	.....	.....	95.00	26th	68.00	1st	82.62
Union.....Anna.....	30.190	17th	29.930	5th	30.010	0.160	.....	96.50	30th	58.00	2d	79.00
Pope..... Golconda..	.....	.....	.....	.....	.....	.....	.....	96.00	29th	64.00	2d	79.47
Alexander Cairo.....	30.145	8-17	29.853	13th	29.986	0.292	74.90	95.80	30th	62.10	3d	80.00
Sums	.....	....	.....	.....	149.904	.....	220 69	.....	.....	.....	....	1194.71
Means..... . .	. .	....	.....	.....	29.881	.....	73.56	.....	....	.	..	79.65
State Average	.....	.....	....	.....	29 923	.....	71.25	.....	.....	.....	. ...	78.17

Summary for July, 1885.—Continued.

STATIONS.	Range of Temperature	Greatest Daily Range of Temperature.....	Date	Least Daily Range of Temperature.....	Date	Mean Daily Range of Temperature.	Number of Clear Days.	Number of Fair Days..	Number of Cloudy D'ys	Days on which rain fell.	Total Rainfall for Month.	Average Daily Rainfall.....	Direction of Wind.....
NORTHERN DIVISION.													
County. *Post Office.*													
McHenry....Marengo.....	43.70	20.60	19th	7.00	17th	14.40	8	17	6	12	2.07	.067	SW
Cook .....Chicago	41.30	33.20	19th	5.90	26th	15.30	9	20	2	13	2.44	.079	N
Kane.....Aurora..... ..	54.00	34.00	1st	10.00	27th	23.39	14	8	9	10	2.59	.083	NE
DeKalb.....Sycamore....	41.20	27.40	12th	5.60	7th	17.27	10	16	5	11	4.98	.161	SE
Lee..... Prairieville ..	40.00	26.00	3d	8.00	4th	15.10	9	11	11	8	2.78	.090	E
RockIsl'd.D'v'np't, (Ia.)..	42.30	28.70	2d	12.80	25th	19.40	6	18	7	10	1.66	.053	SW
Rock Isl'd..Rock Island...	43.00	38.00	16th	15.00	10th	23.74	...	...	...	10	3.80	122	.....
Will. .....Wilton Center.	64.00	49.00	1st	4.00	23d	22.68	16	12	3	8	4.70	.152	S
Knox. .....Oneida..... ..	44 00	28.00	21st	4.00	22d	16.26	11	13	7	9	3.13	.101	W & SW
Henderson..Oquawka	39.00	22.00	21st	3.00	25th	15.26	11	9	10	6	3.62	.117	SW
Peoria .....Peoria. ..	51.00	....		.....	...	.....	...	...	...	10	3.73	.120	E
Warren.....Monmouth...	30.00	18.00	18.30	1.00	25th	9.93	...	...	...	...	....	....	.....
Iroquois.....Watseka	57.00	37.00	1st	8.00	9th	25.19	...	...	...	9	3.75	.121	.....
Sums.....	.....	.....	...	.....	.....	217.92	94	124	60	116	39.25	1.266	... .
Means.....	.....	.....	...	.....	.....	17.16	10	14	7	10	3.27	.105	.....
CENTRAL DIVISION.													
Hancock...Keokuk (Ia)...	41.00	26.00	18th	12.00	17th	18.60	13	14	4	8	2.29	074	SW
Sangamon..Springfield ..	43.20	24.60	7th	11.30	17th	18.00	8	18	5	9	1.82	.059	SW
Champaign.Philo..... ..	40.00	21.00	14th	4.00	23d	14.29	10	20	1	6	3.34	.108	SW
Piatt .....Atwood.....	35.33	14.33	2d	1 67	6th	8.27	15	10	6	...	....	.....	.....
Douglas.....Hugo.....	36.00	20.00	19.22	4.00	21st	14.00	...	...	...	8	4.20	.135	SW
Pike ... ...Griggsville ...	36.00	26.00	14th	4.00	23d	15.93	11	15	5	6	1.26	.041	SW
Coles.....Mattoon.	44.00	28.00	22d	7.00	9th	16.13	...	...	...	12	3.80	.122	S
Christian....Pana..	41.00	20.00	22d	9.00	21st	14.90	12	5	14	7	6.61	.213	NW
Macoupin.Bunker Hill.....	52.00	34.00	2d	19.00	6th	26.61	...	..	...	6	2.29	.074	.....
Sums.....	.....	.....	. ..	.....	.....	146 73	69	82	35	62	25.61	.826	.....
Means.....	.....	.....	...	.....	.....	16.30	11	14	6	8	3.20	.103	.....
SOUTHERN DIVISION.													
Crawford...Palestine... ..	38.00	20.00	9-17	3.50	22d	12.26	24	2	5	7	2.40	.077	S
Effingham.. Eberle.....	45.00	37.00	6th	6.00	4th	14.68	...	..	. .	...	.....	... .	SW
Fayette....Vandalia.... ..	36.00	23.00	9th	10.00	12th	16.61	9	17	5	...	. . . .	.. .	N
Bond.... ...Greenville. ..	39.00	25.00	14th	4.00	13th	17.06	...	...	...	7	3.97	.128	SW
Clinton.....Carlyle	38.00	22.00	31st	6.00	23d	15.13	...	...	...	8	.62	.020	.....
Madison ..Collinsville	43.50	24.50	2d	11.00	11th	19.71	...	...	...	7	2.37	.076	.....
Marion.....Centralia . ..	41.00	25.00	2d	10.00	12th	17.13	20	2	9	5	1.63	.052	SE
St. Clair..St.Louis (Mo). ..	36.60	21.60	...	10.90	.....	15.20	8	21	2	10	2.58	.083	SW
St. Clair .... Maseoutah...	47.00	28.00	6-13	12.00	3-25	18.98	...	...	...	8	5.00	.161	.....
Washington.Richview....	41.10	20.20	22d	8.50	12th	16.39	13	13	5	6	2.44	.079	SW & SE
Wayne .....Fairfield... ..	44.25	28.00	2d	7.00	12th	.....	18	10	3	2	1.70	.055	W & SW
Hamilton M'Leansboro....	49.50	31.00	....	10.00	11th	.....	2	25	4	9	1 74	.056	SW
Williamson..Marion	27.00	13.00	7th	2.00	11-12	8.13	19	6	6	6	.88	.028	.....
Union.....Anna	38.50	.....	....	.....	.....	....	...	.:	...	8	2.19	.071	S & SW
Pope.....Golconda	32.00	17.00	7th	2.00	11th	12 00	12	14	5	8	2.18	.070	W & NW
Alexander..Cairo..... ..	33.70	20.00	7th	7.00	11th	33.70	7	21	3	8	.82	.026	S
Sums.....	.....	.....	....	.....	.....	216.98	132	131	47	99	30.52	.982	.....
Means.....	. ....	.....	....	.....	.....	16.69	13	13	5	7	2.18	.070	.....
State Average	.....	.....	...	.....	.....	17.11	12	13	6	8	2.80	.090	.....

Distribution and Amount of Precipitation for July, 1885 Reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry.....Marengo...	...	....	...	.16	....	.30	.03	....	.81	..	...	...	.24	..	..	.05	...	.02	...	...	....	.09	.31	.01	.03	...	....	.02	...	....	....	2 07
Cook..... ...Chicago..	...	....	...	.03	07	.06	.14	..	.83	...	...	...	.18	.09	..	...	...	...	...	...	.04	.	.39	....	.05	....	....	.01	.54	.01	....	2.44
Kane.....Aurora.....	...	....	...	.02	.03	.07	.02	...	1 55	...	...	. .	.33	...	..	....	...	...	...	...	.10	.24	.13		.10	....	....	...	.	....	....	2.59
DeKalb. .....Sycamore.....	...	...	...	.10	..	.48	.10	1.00	1.00	...	...	...	.50	....	..	...	...	...	...	...	.10	.55	.65	....	.40	...	....	.10	...	.	....	4.98
Lee .....Prairieville.....	...	....	...	...	.12	....	. .	...	.75	...	...	...	50		...	.37	. .	...	...	...	.75	.12	.12	..	.05	....	..	...	...	..	.	2.78
Rock Island..Davenport(Ia)..	...	....	...	...	.22	...	..	.06	.01	...	...	...	...	....	..	.37	...	...	...	...	...	.06	.05	.72	.07	....	.02	..	. .	....	.08	1.66
Rock Island..Rock Island ..	.60	....	...	...	....	....	.30	....	..	.15	...	...	....	....	.30	.20	...	...	...	.05	....	.40	1.40	.10	.30	....	...	...	...	..	....	3.80
Will.....Wilton Centre..	...	...	...	...	....	..	.06	....	1.30	...	...	...	.39	...	...	..	...	. .	...	...	...	.13	2 19	.03	.40	....	....	...	.26	...	....	4.70
Knox.. .....Oneida.....	...	...	...	...	....	....	. .	.02	....	...	...	...	.25	....	..	.33	.05	..	...	...	.75	.70	....	.40	.25	....	....	...	...	..	.38	3.13
Henderson...Oquawka	...	....	...	...	.50	....	...	.06	..	..	...	...	.06	....	...	.50	...	...	...	...	..	1.00	...	....	...	....	..	...	...	....	...	3.62
Peoria.....Peoria	...	....	...	..	.08	.18	.01	.02	.78	...	. .	...	.42	....	...	.07	...	. .	...	...		.46			.11	....		...	...	1.50	1.60	3.73
Iroquois.....Watseka.....	..	..	...	...	....	.13	.02	..	.85	...	...	...	.27	....	...		...	..	...	...	1.09	....	.58	.15	.55	.	....	...	...	....	...	3.75
Sums.....	.60	...	...	.31	1.02	1.22	.68	1.16	7.88	.15	...	...	3.08	.09	.30	1.89	.05	.02	...	.05	2.83	3.75	5.82	1.41	2.31	....	.02	.13	.80	1.62	2.06	39.25
Means	.60	....	...	.08	.17	.20	.08	.23	.87	.15	...	...	.31	.09	30	.27	.05	.02	...	.05	.47	37	.65	.23	.21	....	.02	.04	.40	.54	.69	3.27
CENTRAL DIVISION.																																
Hancock.....Keokuk (Ia.)....	...	....	...	...	....	....	...	....	.07	. .	...	...	..	....	...	.20	.15	. .	...	...	...	....	.82	.46	.07	.51	...	...	...	....	01	2.29
Sangamon....Springfield.....	...	....	...	...	. .	.02	...	....	.30	...	.02	...	.09	....	..	....	. .	...	...	...	.09	.03	....	.22	.05	...	...	...	...	...	1.00	1.82
Champaign . .Philo.....	...	....	...	...	....	.75	...	....	1.24	...	...	...	.25	....	...	..	...	...	. .	...		...	.10	.38	62	....	..	...	...	...	....	3.34
Douglas.....Hugo.....	...	....	...	..	..	.80	...	....	1.25	...	...	...	.25	..	...		...	...	...	...	....	.30	...	.35	.25	.50	....	...	...	.50	.	4.20
Pike.....Griggsville.	...	..	...	...	.16	....	...		.09	...	.06	...	...	....	..	.14	...	...	...	...	..	..	.06	....	.75	.	....	...	...	....	...	1.26
Coles.....Mattoon.... ...	...	....	...	..	...	.72	...	....	.54	...	.06	...	.60	....	...	..	...	.01	..	...	.05	1.17	....	....	50	.02	.05	.02	...	...	.06	3.80
Christian.....Pana	..		...	...	....	.25	...	....	1.50	...	...	...	.62	..	...	...	...	...	...	...	.87	.25	....	...	.12	....	...	...	...	....	3.00	6.61
Macoupin... Bunker Hill....	...	...	...	...	.14	.18	...	....	.42	...	...	...	.63		...	....	...	...	...	...	....	....	..	....	.86	....	...	...	...	....	.06	2.29
Sums.....	...	....	...	..	.30	2.72	...	...	5.41	..	.14	...	2.44	..	...	.34	.15	.01	...	...	1.01	1.75	.98	1.41	3.22	1.03	.05	.02	...	.50	4.13	25.61
Means.	...	...	...	...	.15	.45	...	....	.68	...	.05	...	.41	. ..	...	.17	.15	.01	...	...	.34	.44	.33	.35	.40	.34	.05	.02	...	.50	.83	3 20

SOUTHERN DIVISON.

Crawford.....Palestine									55				.78					.50				.35	.10	.02	10								2.40
Bond.....Greenville					.10	.25			1.00				87									1 25	.25										3.97
Clinton.....Carlyle					.03	.15			.09		.01												21					05	.02		.06	.62
Madison.....Collinsville					.31	.34			.08		04											03				02					1 55	2.37
Marion.....Centralia					.17				1.35		.02				.02													07					1 63
St. Clair.....St. Louis (Mo.)					.21	18			.35		15	01	.44									.07			.07	.11					.99	2.58
St. Clair.....Mascoutah					.40	.20			.50		.20		1 20								.70	1.30									.70	5.00
Washington..Richview					.31	.10			1 56		.33											.10				.10						2 44
Wayne.....Fairfield						.33			1.37																							1.70
Hamilton.....McLeansboro					.34	.22			.44		.10											.09		.02	.11	.12				.30		1.74
Union.....Anna											.10	.15						.05			15	.08							35			.88
Williamson..Marion			.10		.31	.32			.64			65	.08									.02				.07						2.19
Pope.....Golconda						.33			.16		.90	.17							.31			.13					.08			.10	2.18
Alexander..Cairo			.04	.19	.01	.17				.04	.04	.41										.02									.82	
Sums			.14	.19	2.19	2.49			7.83	.04	1 89	1.39	3.37		.02			.95	81			.85	3 44	.56	.04	.28	.42		.20	37	.30	3.65	30 52
Means			.07	.19	.22	23			.65	.01	.19	.28	.67		02			.05	.40			.42	.31	.19	.02	.09	.08		.07	.18	.30	.61	2.18
State Average	.60		.07	10	19	.28	.08	23	.73	.09	.16	.28	.42	.09	.16	.25	.08	21		.05	.43	36	.49	.24	.26	18	.03	.05	.29	.48	.70	2.80

Daily Mean Temperature for July, 1885, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.

STATIONS.	TEMPERATURE, IN DEGREES, ON EACH DAY OF THE MONTH.																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
NORTHERN DIVISION.																																
County. *Post Office.*																																
McHenry.....Marengo..... ..	63	68	72	68	74	68	74	79	68	62	64	68	67	71		75	63	67	77	80	75	75	76	75	74	71	75	75	74	79	77	72
Cook.....Chicago	65	66	66	71	76	75	75	81	73	62	63	70	69	71	68	79	67	66	74	85	74	74	76	78	72	72	74	79	79	77	76	73
Kane .....Aurora.....	85	72	78	73	79	74	74	83	70	66	67	72	70	73	73	82	68	71	83	85	79	80	80	80	79	74	79	82	81	83	83	79
DeKalb..... .Sycamore.....	62	68	71	70	75	67	69	79	67	62	61	68	66	71	70	77	64	69	78	80	77	74	75	76	72	69	74	76	76	78	77	72
Lee.....Prairieville.....	67	70	74	73	75	70	75	81	71	68	70	71	70	74	75	79	69	76	85	83	80	78	79	79	76	76	78	79	81	85	81	76
Rock Island..Davenport, (Ia.).	66	70	74	74	76	70	75	81	75	70	72	73	72	73	75	76	66	72	82	82	79	77	78	77	75	76	77	80	81	87	80	75
Rock Island..Rock Island.....	67	72	75	77	76	76	77	80	76	71	72	74	75	74	78	77	64	73	80	84	80	78	80	77	79	81	81	81	83	86	84	77
Will..... ..Wilton Centre...	64	71	74	72	76	71	72	80	68	65	65	69	67	72	72	81	68	71	81	83	78	78	74	81	75	74	76	82	80	80	82	74
Knox ....Oneida.....	66	73	75	76	78	74	80	80	75	73	74	75	73	77	80	79	69	79	83	87	82	76	83	80	80	79	82	85	87	91	82	79
Henderson...Oquawka	65	71	74	75	77	72	77	81	79	70	72	75	73	75	78	79	71	79	80	80	80	79	80	79	78	78	80	82	86	88	79	80
Peoria.....Peoria	69	76	77	79	81	76	81	84	77	74	74	79	76	78	81	85	74	80	88	89	83	81	85	87	83	81	82	88	86	93	84	81
Sums	739	777	810	808	843	793	829	889	799	743	754	794	778	809	750	869	743	803	891	918	867	850	866	869	843	831	858	889	894	927	885	838
Means.....	67	71	74	73	77	72	75	81	73	67	68	72	71	73	70	79	67	73	81	83	79	77	79	79	77	75	78	81	81	84	80	76
CENTRAL DIVISION.																																
Hancock....Keokuk, (Ia.)	68	71	73	76	77	73	79	81	77	71	72	76	76	76	77	81	69	79	84	85	83	83	82	81	80	78	83	86	88	89	82	77
Sangamon..Springfield.....	65	70	73	74	76	74	77	80	76	73	71	73	76	75	79	81	76	77	84	86	80	81	80	83	82	81	80	85	87	87	79	78
Champaign .Philo	63	70	74	75	75	72	71	79	69	75	73	74	76	74	81	80	79	76	87	88	81	81	76	79	80	76	80	88	88	82	74	78
Douglas.....Hugo.....	69	69	72	75	78	76	79	81	71	71	68	74	72	73	80	81	79	79	84	87	82	80	70	81	81	77	77	84	86	87		78
Pike.....Griggsville	64	69	70	75	74	69	76	79	74	70	72	74	72	74	79	83	71	79	83	84	85	83	89	81	78	79	81	84	83	86	79	77
Coles..... Mattoon	63	74	75	76	79	73	78	81	71	74	71	75	75	75	80	79	79	79	84	87	88	88	78	81	84	83	81	84	88	86	84	79
Christian....Pana	65	70	73	75	76	74	77	81	74	73	73	75	75	76	81	81	80	79	85	86	84	79	81	84	83	84	82	85	88	88	80	79
Sums.....	457	493	510	526	535	511	537	562	512	507	500	521	522	523	557	566	533	548	591	603	583	570	556	570	568	561	564	596	608	605	488	546
Means..... ...	65	70	73	75	76	73	77	80	73	72	71	74	75	75	79	81	76	78	84	86	68	81	79	81	81	80	80	85	87	86	81	78

| SOUTHERN DIVISION. | | |

Comparison of the Precipitation and Mean Temperature for July, 1885, with the Corresponding Month of Former Years.

STATION.	PRECIPITATION.				MEAN TEMPERATURE.			
	Average Precipitation for July.	Number of Years...	Precipitation for July, 1885.....	* Difference.....	Average Temperature for July...	Number of Years..	Mean Temperature for July, 1885.....	* Difference.. .....
NORTHERN DIVISION.								
County. *Post Office.*								
McHenry .....Marengo.....	4.04	24	2.07	—1.97	70.50	24	71.80	+1.30
Cook .....Chicago	3.82	14	2.44	—1.38	72.25	14	72.80	+0.55
Kane .. ..Aurora	4.00	3	2.59	—1.41	74.89	3	79.57	+4.68
DeKalb..... ..Sycamore	6.14	5	4.98	—1.16	70.58	5	71.63	+1.05
Lee..... ...Prairieville. ..	5.00	5	2.78	—2.22	67.79	4	76.12	+8.33
Rock Island ....Davenport (Ia)	3.88	14	1.66	—2.22	75.05	14	75.50	+0.45
Rock Island.....Rock Island...	3 80	1	3.80	.... ..	77.03	1	77.03	....
Will .....Wilton Centre.	4.42	2	4.70	+0.28	72.25	2	74.20	+1.95
Knox .. ..Oneida	3.13	1	3.13	.....	78.64	1	78.64	... .
Henderson .....Oquawka	3.62	1	3.62	.....	80.32	1	80.32	.....
Peoria... .....Peoria	4.04	30	3.73	—0.31	77.80	30	81.15	+3.35
Iroquois. .....Watseka	3.75	1	3.75	.....	75.55	1	75.55	.....
CENTRAL DIVISION.								
Hancock.....Keokuk, (Ia.)..	4.94	14	2.29	—2.65	77.48	14	78.60	+1.12
Sangamon.....Springfield....	1.99	6	1.82	—0.17	76.78	6	78.10	+1.32
Champaign.....Philo.....	3.34	1	3.34	....	78.00	1	78.00	.....
Douglas .....Hugo	4.20	1	4.20	....	77.97	1	77.97	....
Pike .....Griggsville ...	2.63	4	1.26	—1.37	73.75	4	77.10	+3.35
Coles.. .....Mattoon.....	2.94	6	3.80	+0.86	77.94	6	79.16	+1.22
Christian... ... Pana	5.45	3	6.61	+1.16	77.03	3	79.02	+1.99
Macoupin... ...Bunker Hill. .	2.29	1	2.29	.....	79.30	1	79.30	.....
SOUTHERN DIVISION.								
Crawford.....Palestine.....	3.99	4	2.40	—1.59	76.38	4	78.86	+2.48
Effingham.....Eberle.....	.....	.....	.....	.....	82.13	1	82.13	....
Fayette..... ..Vandalia	... ...	....	.....	.....	80.65	1	80.65	.....
Bond.....Greenville	5.39	2	3.97	—1.42	79.49	2	81.11	+1 62
Clinton.....Carlyle.....	0.62	1	0.62	.....	76.94	1	76.94	...
Madison .. ..Collinsville....	4.16	.....	2.37	—1.79	79.20	.....	74.20	—5.00
Marion.....Centralia.....	1.63	1	1.63	.....	80.74	1	80.74	.. ....
St. Clair ..... .St. Louis, (Mo).	4.13	15	2.58	—1.55	78.77	15	80.50	+1.73
St. Clair... .... Mascoutah...	4.28	4	5.00	+0.72	.....	.....	.....	.....
Washington ....Richview.. ..	2.44	1	2.44	....	78.17	1	78.17	.. ....
Wayne .....Fairfield.. ...	1.70	1	1.70	.....	79.20	2	81.20	+2.00
Hamilton .....McLeansboro.	2.43	4	1.74	—0.69	76.84	4	79.12	+2.28
Williamson.....Marion	0.88	1	0.88	.... .	82.62	1	82.62	.....
Union.....Anna.....	3.36	10	2.19	—1.17	78.79	10	79.00	+0.21
Pope.....Golconda.....	4.25	8	2.18	—2.07	78.87	8	79.47	+0.60
Alexander..... Cairo.....	4.04	15	0.82	—3.22	79.50	15	80.00	+0.50

* In the columns marked difference, the + sign denotes an excess, and the — sign a deficiency for July, 1885. The precipitation is expressed in inches, the temperature in degrees, Fahrenheit.

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1853. 1885.

THIRTY-THIRD ANNUAL

ILLINOIS STATE FAIR

AT CHICAGO, SEPTEMBER 14th TO 19th, 1885.

EXHIBITION AT THE

DRIVING PARK, WEST MADISON STREET.

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AMERICAN HORSE SHOW—Chicago, November 8-19, 1886.
AMERICAN FAT STOCK AND DAIRY SHOW—Chicago November 8-19, 1886.

STATISTICAL REPORT

— OF THE —

Illinois State Board of Agriculture,

— FOR —

DECEMBER, 1885.

— CONTAINING —

SUMMARY OF THE REPORTS OF CORRESPONDENTS, AS TO THE CONDITION OF THE CROPS, LIVE STOCK, FRUIT PROSPECTS, ETC.

— MADE TO THE —

ILLINOIS DEPARTMENT OF AGRICULTURE.

CHARLES F. MILLS, SECRETARY,

SPRINGFIELD.

CRCULAR 126.

SPRINGFIELD, ILL.:
STATE JOURNAL BOOK AND JOB PRINTING CO.
1886.

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ILLINOIS CROP REPORT,

—FOR—

DECEMBER, 1885.

Synopsis of the Reports of Correspondents upon the Condition of the Growing Crops, Etc.

ILLINOIS DEPARTMENT OF AGRICULTURE,
SPRINGFIELD, December 2, 1885.

The information contained in this circular was obtained from the reports of correspondents mailed to this Department the first of December.

The correspondents of the Department are, as a rule, farmers of extended experience and deeply interested in the accuracy of the returns.

A large number of the correspondents have been reporting to this Department during the past nine years and their estimates, for a term of years, when compared with the subsequent official returns made by assessors, have confirmed the superior judgment and conservative character of the reporters. The correspondents number nearly six hundred, and are so distributed over the State as to represent each locality.

CORN.

The early spring was cold and dry and unfavorable for the planting and growth of corn and there was much complaint of the inferior quality of seed corn. The temperature in June and July was above the average and the precipitation in June exceeded the average of the month.

These favorable conditions were more than counteracted by the unusually low temperature in August and the precipitation in August, September and October which largely exceeded the average of the same months in previous years. The quality of corn is not up to an average and there is considerable complaint of mouldy and light, chaffy corn.

The corn area of the State in 1885 of 7,212,657 acres is less than that of any year since 187 with the exception of that of 1884, when the area was 313,838 acres less than this season. T average yield obtained in 1885 of 32 bushels per acre is less than the average of the State i the preceeding year.

The present corn crop of 230,922,298 bushels exceeds that of 1884 by 23,365,636 bushels.

The average price received for corn throughout the State by the farmer is a fraction less than last season The crop at prevailing prices will return the farmer $64,850,545, which is less in amount than that obtained for any corn crop produced in the State during the past twenty years excepting the crops of 1868, 1872, 1873, 1878 and 1884. A table published elsewhere in this report gives by counties the area, yield and value of corn for the current year.

The area, yield and value of corn in this State for twenty-five years is given in the following table.

Year.	Number of acres....	Average yield per acre—bushels.....	Bushels produced...	Price per bushel—cents.....	Total value.....	Value per acre.....	★Cost of production per acre	Total cost of production	Profit.....	Loss.....
1860	3,839,159	30	115,174,770	42½	$48,944,277	$12 74	$10 50	$40,311,169	$8,633,108	.....
1861	3,839,159	30	115,174,770	24	27,641,944	7 00	10 50	40,311,169	.....	$12,669,225
1862	3,458,903	40	138,356,120	23	32,821,911	9 49	10 50	36,318,481	.....	3,496,570
1863	3,773,349	22	83,013,681	62	51,479,442	13 64	10 50	39,620,164	11,859,278	.....
1864	4,192,610	33	138,356,130	75	103,767,101	24 75	10 50	44,022,405	59,744,696	.....
1865	5,032,996	35.2	177,095,852	29½	51,800,536	10 31	10 50	52,751,958	.....	951,422
1866	4,931,783	31.6	155,844,350	43	67,031,070	13 58	10 50	51,783,721	15,229,349	.....
1867	4,583,655	23.8	109,091,000	68	74,281,880	16 20	10 50	48,128,377	26,153,503	.....
1868	3,928,742	34.2	134,363,000	43	57,786,090	14 70	10 50	41,251,791	16,524,299	.....
1869	5,237,068	23.2	121,500,000	57	69,255,000	13 22	10 50	54,989,214	14,265,786	.....
1870	5,720,965	35.2	202,378,000	35	70,482,300	12 32	10 50	60,070,132	10,412,168	.....
1871	5,310,469	38.3	206,391,000	32	65,085,020	12 25	10 50	55,759,921	9,325,196	.....
1872	5,468,040	39.8	217,628,000	24	52,230,720	9 53	10 50	57,474,420	.....	5,183,700
1873	6,839,714	21	143,684,000	32	45,962,880	6 72	10 50	71,816,997	.....	25,854,117
1874	7,421,055	18	133,579,000	56	74,804,240	10 08	10 50	77,921,077	.....	3,116,837
1875	8,163,265	34.3	280,000,000	34	95,200,000	11 66	10 50	85,714,282	9,485,718	.....
1876	8,920,000	25	223,000,000	31	69,130,000	7 75	10 50	93,660,000	.....	24,530,000
1877	8,935,411	30	269,889,742	28	77,562,879	8 68	10 50	93,821,815	.....	16,258,936
1878	8,672,088	29	250,560,810	22	56,035,842	6 46	10 50	91,056,924	.....	35,021,082
1879	7,918,881	38	305,913,377	32	97,483,052	12 16	10 50	83,148,250	14,334,802	.....
1880	7,574,545	33	250,697,036	33	83,757,009	11 56	10 50	79,411,857	4,345 182	.....
1881	7,157,334	24	174,491,706	53	93,328,977	12 72	10 52	75,303,074	18,025,903	.....
1882	7,371,950	24	179,471,729	42	76,528,755	10 08	10 55	77,802,326	.....	1,273,571
1883	7,304,596	25	186,583,558	36	68,067,698	9 00	10 50	76,689,138	.....	8,621,440
1884	6,898,819	33	207,556,662	29	60,300,153	8 74	10 45	72,080,712	.....	11,780,559
1885	7,212,657	32	230,922,298	28	64,850,545	8 99	10 50	75,682,246	.....	10,831,701

★Estimated same as reported for 1860.

BROOM CORN.

The table published elsewhere in this report, gives, by counties, the area, yield and value of the broom corn crop of the State for 1885. More or less attention was given to the cultivation of this crop the past season in forty-nine counties. The principal portion of the crop as shown in the assessors' returns is grown in the counties of Christian, Cook, DuPage and Henry. The returns of assessors do not show the extent of the cultivation of this crop in several counties in which broom corn is extensively grown, notably Coles county.

The assessors' returns show the area of the late crop to be 17,382 acres.

The reports of correspondents show the average yield per acre to be about six hundred and sixty-six pounds, which would make the crop for the season 10,514,000 pounds. The value per ton averages $94 for the State making the total value of the crop $434,937. Excepting in 1881, the current price of broom corn in first hands is the highest on record.

The area of the present crop is 7,791 acres less than the preceeding crop. It will be seen in the following table that there has been a decrease from year to year in the area of broom corn commencing with 1882, when the largest crop ever produced in the State was harvested.

The following table gives the area, yield and value of the last nine crops of broom corn produced in this State.

Year.	Acreage.	Av. yield per acre.	Total yield — pounds.	Value per ton.	Value of crop.
1877	14,566	458	6,674,747	$71 20	$237,594
1878	18,258	614	11,218,168	49 50	277,645
1879	17,664	632	11,161,238	86 75	484,195
1880	18,652	775	14,457,156	77 40	559,447
1881	17,887	1,437	25,708,250	128 50	1,651,739
1882	43,036	225	9,693,187	80 00	387,680
1883	33,922	1,000	33,922,000	90 00	1,481,710
1884	25,173	750	16,228,000	72 00	585,572
1885	17,382	666	10,514,000	94 00	434,932

SORGHUM.

The area of the sorghum crop of 1885 of 13,980 acres is but little larger than that of the previous year and excepting the area of the 1883 crop is the largest grown in the State since 1879. The average yield obtained this season of ninety-two gallons per acre has been exceeded but once (1884) during the past nine years. The amount of sorghum syrup produced in 1885 of 1,289,446 gallons exceeds, that of any crop grown since 1877 exeepting the crops of 1879 and 1884.

The prevailing price of syrup throughout the State of 40 cents per gallon is less than that obtained by the producer during the past nine years with one exception, viz: 1879.

The value of the present crop is reported at $519,622 and this amount is less than that obtained for the crops of 1878, 1883 and 1884.

The area, yield and value of this crop during the past nine years is given in the following table:

Year.	Acreage.	Av. yield per acre gal.	Total number of gallons.	Value per gallon.	Value of crop.
1877	19 335	63	1,227,164	$0 42	$515,409
1878	14,638	80	1,174,549	45	528,547
1879	17,883	73	1,309,400	38	497,572
1880	9,825	65	636,216	42	267,211
1881	8,263	55	456,714	55	251,193
1882	13,757	61	816,892	50	408,446
1883	14,023	90	1,272,287	50	604,157
1884	13,854	100	1,389,248	45	631,270
1885	13,980	92	1,289,446	40	519,622

HUNGARIAN AND MILLET.

The late crop of Hungarian and millet seed is less than that of any year since 1877 and amounts to 22,203 bushels which was produced on 24,976 acres.

A large portion of the area devoted to this crop was harvested for hay and not threshed for the seed.

The prevailing price to the producer of Hungarian and millet seed of 60 cents per bushel is less than that obtained during the past nine years excepting for the crops of 1878 and 1884. The present crop is valued at $13,418 and with one exception (1877) returns the producer less than that of any preceeding year since 1878.

The yield and value of this crop during the past nine years is given in the following table:

Year.	Bushels produced.	Value per bushel.	Total vaiue.
1877	17,463	$0 65	$10,701
1878	26,787	55	14,733
1879	43,776	75	32,832
1880	66,889	70	46,752
1881	76,189	95	72,370
1882	77,423	69	53,422
1883	70,007	62	43,291
1884	33,513	51	17,187
1885	22,203	60	13,418

BUCKWHEAT.

This crop is cultivated in seventy-nine of the one hundred and two counties in the State. The counties take precedenee in the production of buckwheat as indicated by the value of the late crop as follows, viz: DeWitt, $2,673; Clay, $2,300; Kankakee, $2,244; Iroquois, $2,145; Moultrie, $2,000; Winnebago, $1,942; Rock Island, $1,704; McHenry, $1,551; Menard, $1,508; Jo Daviess, $1,394.

The area, 4,318 acres devoted to this crop in 1885, exceeds that of any year since 1880. This crop averaged 15 bushels per acre, which is larger than the average yield for a term of years and has been exceeded but twice (1882 and 1884) during the past nine years. The crop of 1885 of 66,874 bushels is larger than that of any year since 1879.

The prevailing price of 64 cents per bushel has not been lower since 1876. In value the late crop will return the producer less than that of any season since 1876 excepting those of 1881, 1883 and 1884.

The following table gives the area, yield and value of the nine preeeeding crops of buck wheat produced in this State:

Year.	Acreage.	Av. yield per acre.	Bushels produced.	Value per bush.	Value of crop.
1877	15,880	13	207,696	$0 73	$151,612
1878	16,060	9	155,340	1 33	206,608
1879	10 786	10	112,180	77	85,257
1880	6,681	9	62,128	77	47,838
1881	3,648	4½	16,374	1 12	18,329
1882	2,469	25	63,743	77	49,082
1883	3 491	14	49,397	85	41,800
1884	3,526	17	58,641	64	37,864
1885	4,318	15	66,874	64	43,174

TIMOTHY SEED.

The 1885 crop of timothy seed of 167,456 bushels at the prevailing price of $1.55 per bushel will return the producer $258,376.00, a less amount than received for any of the preceeding eight crops.

In the following counties the annual value of the late crop of timothy seed is as noted, precedence being given according to amount obtained in 1885 for same, viz: Ogle county, $22,259 00: Lee, $18,006.00; Livingston, $13,837 00; DeKalb, $11,742.00; LaSalle, $9,596.00; Iroquois county, $9,565.00; Kankakee, $9,548.00; Knox, $9,223.00; Richland, $8,670.00; Kendall, $7,978.00; Edwards, $6,486.00; Marion, $5,784.00; Clay, $5,545.00; Fulton, $5,487.00; Sangamon, $5,271.00: The crop is not grown to any considerable extent in the remaining counties.

The following table gives the extent and value of the 1885 crop of timothy seed and that of the preceding eight years.

Year.	Bushels produced.	Value per bushel.	Total value.
1877	483,571	$1 25	$604,464
1878	261,559	1 25	326,949
1879	213,329	2 25	479,990
1880	400,124	2 20	880,272
1881	426,531	2 60	1,108,980
1882	320,653	1 68	538,697
1883	358,895	1 35	476,447
1884	389,056	1 30	512,438
1885	167,456	1 55	258,376

CLOVER SEED.

The late crop of clover seed is much below that of the preceeding year and is reported as 72,969 bushels. The average price per bushel of $5.00 is some higher than that obtained for the crop of 1884, and is as much as has been received for any crop with one exception, (1881, $5.20) since 1876. Considerable attention is given to the production of clover seed in the following counties where the value of the late crop was as noted: Fulton, $44,604.00; White, $31,295.00; Schuyler, $22,029.00; Johnson, $17,263.00; Williamson, $16,854.00; Adams, $16,271.00; Greene, $13,893.00; Ogle, $11,985.00; Wabash, $11,375.00; Lawrence, $9,089.00; Edwards, $8,745.00; Jackson, $8,730.00.

The following table gives the extent and value of the last nine crops of clover seed produced in this State:

Year.	Bushels produced.	Value per bushel.	Total value.
1877	64,686	$4 80	$310,493
1878	77,388	4 05	313,421
1879	138,191	5 00	690,955
1880	87,144	4 60	400,862
1881	125,042	5 20	650,218
1882	55,862	5 00	279,310
1883	78,656	4 75	375,066
1884	138,920	4 40	609,945
1885	72,969	5 00	365,523

BEANS.

The area of 2,660 acres devoted to the cultivation of beans in 1885, is the largest on record with one exception, that of 1879, when the area was 14 acres larger than this season. The average yield per acre of seventeen bushels exceeds that of any crop grown during the past nine years. The late crop of 44,457 bushels exceeds the very large crop of 1879 by 7,240 bushels.

The average price, $1.45, obtained by the producer for the crop of 1885, with one exception, that of 1878—$1.35—is the lowest price reported during the past nine years. The returns for the late crop amount to $64,908.00.

It will be seen in the table published elsewhere in this report, giving the area, yield and value of the crop in each county in which the crop is grown to any considerable extent, that the following counties take precedence in the value of the late crop as follows: Marion, $4,400.00; Perry, $4,241.00; Fayette, $3,673.00; Pulaski, $3,133.00; Crawford, $3,092.00; Clark, $2,990.00; Adams, $2,870.00; Edgar, $2,592.00; Wayne, $2,508.00; Cumberland, $2,330.00.

The following table gives the area, yield and value per acre of this crop for the past nine years;

Year.	Aereage.	Av. yield per acre.	Yield in bushels.	Value per bushel.	Value of crop.
1877	1,545	13	19,955	$1 50	$29,916
1878	1,669	16	18,627	1 35	25,146
1879	2,674	14	36,217	1 50	54,325
1880	1,398	11	15,894	1 60	25,430
1881	1,012	3	3,267	3 30	10,781
1882	983	9	9,776	2 22	21,703
1883	1,091	14	15,738	2 00	31,874
1884	1,621	13	21,335	1 55	33,017
1885	2,660	17	44,457	1 45	64,908

CASTOR BEANS.

The area of the late crop of castor beans, of 3,825 acres, exceeds that of any preceeding crop since 1877. The average yield of 12 bushels per acre, obtained the past season, is larger than that of any crop since 1877, with one exception, viz: 1884. The total yield of 46,283 bushels in 1885 is the largest on record. The current price of $1.65 per bushel is the largest obtained in nine years, and makes the value of the crop $76,997. This crop is grown in twenty-eight counties. The following counties take precedence, according to the value obtained for the late crop, which was as noted: Washington, $23,884.00; Clinton, $19,288.00; Jefferson, $7,588.00; Bond, $7,020.00; Franklin, $4,301.00; Wayne, $4,290.00; St. Clair, $3,920.00; Perry, $1,911.00.

The area, yield and value of this crop in the several counties in which castor beans were cultivated the past season, are given in a table published in this report.

The following table gives the area, yield and value of the last nine crops of castor beans produced in this State:

Year.	Acreage.	Av. yield per acre in bu	Yield in bushels.	Value per bushel.	Value of crop.
1877	4,563	3¼	17,538	$1 10	$19,512
1878	371	7	2,526	1 25	3,157
1879	3,085	8 1-5	24,314	1 00	24,344
1880	500	6 4-5	3,480	1 05	3,654
1881	758	5¼	4,005	1 65	6,608
1882	2,098	2½	4,346	1 26	5,476
1883	433	8	3,464	1 35	4,668
1884	1,108	17	19,295	1 60	30,794
1885	3,825	12	46,283	1 65	76,997

TOBACCO.

The counties are entitled to precedence according to the value of the late crop of tobacco as follows: Hamilton, $70,785.00; Saline, $66,780.00; Jo Daviess, $46,768.00; Williamson, $38,745.00; Stephenson, $16,616.00; Johnson, $14,000.00; Franklin, $7,800 00; Massac, $7,200.00; White, $4,426 00; Pope, $3,800.00; Wayne, $3,792.00; Pulaski, $2,640.00.

A table in this report gives the area, yield and value of the crop of tobacco in the forty-eight counties in the State where tobacco has been cultivated the past season.

The area of the tobacco crop of 1885 of 7,028 acres exceeds that of any former year since 1877. The average yield of 802 pounds per acre is larger than that obtained during the past nine years with one exception (1879) when the yield per acre averaged 890 pounds. The price obtained by the producer of five cents per pound, is less than that received in nine years.

The value of the crop is placed at $310,922, and exceeds the returns of any of the preceeding eight crops, except for the years 1877 and 1884.

The following table gives the area, yield and value of the tobacco crop of the State during the past nine years:

Year.	Acreage.	Av. yield per acre lbs.	Pounds produced.	Value per pound.	Value of crop.
1877	12,320	640	7,885,586	$0 08	$638,847
1878	3,833	584	2,268,492	07	158,794
1879	3,079	890	2,741,329	09	246,719
1880	4,091	668	2,736,407	08	218,912
1881	3,854	453	1,747,474	08	139,798
1882	3,798	622	2,345,931	07	164,215
1883	3,092	719	2,195,426	06	140,920
1884	4,842	767	3,716,408	09	321,582
1885	7,028	802	5,634,066	05	310,922

PASTURES.

The average value of pasture land for 1885 throughout the State is reported at $3.25 per acre. The area of pastures the past season, not including the counties of Mason and McDonough, from which no returns have been received, is reported at 5,417,147 acres and the annual value of the same $17,729,714.

The table published elsewhere in this report gives the area and value of pastures in each county in the state during the past season.

The extent and value per year of pasture lands in the State during the past nine years is given below.

Year.	Acreage.	Value per acre.	Total value.
1877	4,367,603	$3 38	$14,764,112
1878	3,983,459	3 10	12,324,647
1879	4,193,884	2 95	12,319,620
1880	4,257,054	3 40	14,491,114
1881	4,206,621	3 40	14,397,176
1882	4,697,966	3 75	17,578,690
1883	4,752,828	3 60	17,073,741
1884	5,085,817	3 80	19,241,249
1885	5,417,147	3 25	17,729,714

VEGETABLES.

IRISH POTATOES.

The area of the potato crop of the past season of 113,452 acres is not as large as the area devoted to this crop in 1871, 1872, 1873, 1874, 1875, 1876, 1883 and 1884. The average yield of potatoes obtained in 1885 of 89 bushels per acre is much above the average for a term of years but is less than that of 1862, 1865, 1869, 1875, 1882, 1883 and 1884. The 1885 crop of Irish potatoes 10,146,159 bushels has been exceeded during the past twenty-five years only by those of 1875, 1882, 1883 and 1884. The prevailing price of Irish potatoes of 45 cents bushel is much below the average and since 1860 has not been lower except in the following years: 1860, 1861, 1862, 1869, 1875, 1883 and 1884. The 1885 crop of Irish potatoes is valued at $4,377,401 which is less than that obtained for the crops of 1864, 1867, 1870, 1871, 1872, 1873, 1874, 1875, 1881, 1882 and 1883.

The area, yield and value of the late crop of Irish potatoes is given by counties in a table published elsewhere in this report.

The following table gives the area, yield and value of the potato crops of the State since 1860.

Year.	Number of acres...	Average yield per acre—bushels.....	Bushels produced..	Price per bushel...	Total value.....	Value per acre.....	*Cost of production per acre.....	Total cost of production.	Profit.....	Loss.....
1860	69,225	80	5,540,390	$0 31	$1,717,520	$24 80	$20 55	$1,423,190	$294,330	.....
1861	69,225	80	5,540,390	20	1,606,713	23 19	20 55	1,423,190	183,523	.....
1862	64,444	100	6,444,400	40	2,577,762	40 00	20 55	1,324,324	1,253,438	.....
1863	73,650	70	5,155,523	74	3,815,087	51 80	20 55	1,513,507	2,301,580	.....
1864	55,521	81½	4,511,083	1 15	5,187,745	93 43	30 55	1,140,956	4,036 789	.....
1865	50,124	117	5,864,408	47	2,770,933	55 27	20 55	1,030,048	1,740,885	.....
1866	55,983	86½	5,102,035	64	3,265,302	55 36	20 55	1,212,100	2,053,202	.....
1867	60,710	60½	3,673,000	1 20	4,407,600	72 60	20 55	1,247,590	3.160.010	.....
1868	53,521	71	3,800,000	81	3,078,000	57 51	20 55	1,099.856	1,978,144	.....
1869	72,815	103	7,500,000	41	3,075,000	43 23	20 55	1,496,348	1 578,652	.....
1870	104,037	81	8,427,000	64	5,393,280	51 84	20 55	2,147,960	3,255.320	.....
1871	117,409	61	7,162,000	85	6,087,700	51 94	20 55	2.412,755	3,674,945	.....
1872	128,906	75	9,668,000	46	4,448,280	34 50	20 55	2,649,018	1.798,262	.....
1873	137,750	40	5,510,000	1 12	6,171,200	44 80	20 55	2,830.762	3.340,438	.....
1874	135,236	55	7,438,000	83	6,173,540	45 65	20 55	2,779.100	3,394,440	.....
1875	118,750	128	15,200,000	32	4,864,000	40 96	20 55	2.540,312	2,424.688	.....
1876	126,000	75	9.450,000	61	5,764,500	45 75	20 55	2,589,300	3,175,200	.....
1877	95,717	71	6,795,349	45	3,057,907	32 95	20 55	1,966,984	1,090 923	.....
1878	81,460	63	5,095,477	47	2,394,874	29 61	20 55	1,674,003	720,871	.....
1879	90,351	78	7,125,932	50	3,506,788	39 00	20 55	1,856,713	1,650,075	.....
1880	93,387	69	6,470,811	56	3,689,348	38 64	20 55	1,992,702	1,696.646	. ..
1881	85,357	47	4,043,377	1 08	4,393,676	50 76	20 55	1,805,478	2,591,198	.....
1882	106,895	100	10,730,234	58	6,261,307	58 00	21 10	2,255,346	4,005,961	.....
1883	118,766	125	14,483,006	35	5,105,203	43 75	21 10	2,507,842	2,622,892	.....
1884	125,893	94	11,806 082	35	4,093,956	32 52	21 00	2,642,399	1,451,557	.....
1885	113,452	89	10,146,159	45	4,377,401	21 20	21 20	2,403,996	1,963,405	.....

The value of the late crop of Irish potatoes exceeded over one hundred thousand dollars, as noted in each of the following counties, viz: Madison, $383,180.00; Cook, $242,857.00; La Salle, $213,741.00; Livingston, $193,872.00; DuPage, $163,162.00; Adams, $139,710.00; Rock Island, $119,501.00; Will, $101,802.00.

SWEET POTATOES.

The area of the late crop of sweet potatoes, of 2,825 acres, exceeds that of any of the preceding eight crops excepting that of 1880. The yield this season averaged ninety-two bushels per acre, and exceeds that of any of the preceding eight crops with the exception of the crop of 1884. The crop of 1885, of 261,590 bushels, with the exception of that of 1884, is the largest on record.

The price obtained for the crop averaged but 59 cents per bushel, which is less than that received for either of the preceding eight crops. The 1885 crop will return the producers $156,716.00, which is a less sum than that obtained for any crop of late years, excepting those of 1877, 1878, 1879 and 1881.

The extent and value of the late crop of sweet potatoes in each county in the State from which reports have been received, are given in a table published in this report.

The area, yield and value of the crop of sweet potatoes grown in this State since and including 1877, is given in the following table:

Year.	Acreage.	Av. yield per acre-bush.	Crop in bushels.	Value per bushel.	Value of crop.
1877	2,355	63	148,270	$0 85	$126,029
1878	1,729	67	116 944	85	99,402
1879	1,423	88	126,169	90	112,552
1880	3,382	66	224,522	90	202.070
1881	1,815	63	114,486	1 08	123,645
1882	2,785	77	216,283	80	173,020
1883	2,696	82	228,605	75	171,847
1884	2,681	103	276,304	67	184,077
1885	2,825	92	261,590	59	153,716

TURNIPS AND OTHER ROOT CROPS.

The following table gives the acreage and value of turnips and other root crops grown in the State during the past nine years:

Year.	Acreage.	Value per acre.	Value of crop.
1877	7,056	$39 55	$279,136
1878	3,775	40 85	154,140
1879	3,139	230 15	722,444
1880	2,300	45 85	105,414
1881	3,046	147 20	448,389
1882	3,809	245 25	934,291
1883	4,361	205 75	897,303
1884	3,856	75 75	292,181
1885	3,082	83 50	257,387

LIVE STOCK.

HOGS.

The returns show 3,858,030 head of hogs in the State in May, 1885, which is the largest number ever reported by the assessors. The past season 3,202,145 head of hogs were marketed, averaging 239 pounds each, making the aggregate gross weight of the 1885 hog crop of the State the largest on record.

The average price obtained the past season for hogs, of $3.50 per 100, live weight, is the lowest price received by the feeder during the past twenty-nine years, excepting during the following years, viz: 1861, 1862, 1878, 1879.

The farmer obtained more for the "hog crops" of 1864, 1865, 1867, 1868, 1869, 1873, 1874, 1875, 1876, 1882 and 1883 than for the much larger number of hogs marketed in 1885.

The following table gives the number and value of hogs as returned by assessors during the past thirty years, as well as the number and value of fat hogs marketed during that period:

Year.	Assessors' Returns. Number.....	Assessors' Returns. Value.....	Est'mated per cent. marketed.....	Number fat hogs marketed.	Av. gross weight per head.....	Total gross weight.	Value per 100 lbs. gross.....	Total value hog product.
1856	1,596,903	$3,375,247	70	1,117,832	†262	292,871,984	$4 75	$13,911,420
1857	1,893,585	4,032,588	70	1,325,509	†262	347,283,358	3 90	13,544,049
1858	1,908,603	3,482,116	70	1,336,022	†262	350,037,764	5 05	17,676,909
1859	1,725,328	2,495,042	70	1,207,730	†262	316,425,260	4 70	14,871,989
1860	1,530,256	2,745,915	70	1,071,179	†262	280,648,898	4 55	12,769,525
1861	2,196,581	4,032,874	70	1,537,607	†262	402,853,034	2 45	9,869,898
1862	2,601,395	3,198,807	70	1,820,976	†262	477,095,712	3 35	15,982,706
1863	2,506,138	2,249,729	70	1,754,296	†262	459,625,552	5 35	24,589,964
1864	2,044,844	2,799,158	70	1,441,391	†262	375,024,442	11 45	42,940,294
1865	1,743,005	3,359,621	70	1,220,103	288	351,389,664	9 35	32,854,937
1866	2,007,500	4,474,354	70	1,405,250	290	407,522,500	5 75	23,432,544
1867	2,616,814	5,230,731	70	1,831,770	251	459,774,270	6 35	29,195,668
1868	2,300,150	3,692,869	70	1,610,105	257	418,796,985	8 15	33,724,455
1869	2,056,304	3,929,832	70	1,429,413	256	365,929,728	9 20	33,665,532
1870	2,220,651	4,114,108	70	1,554,456	287	446,128,872	5 25	23,421,767
1871	2,938,749	4,613,529	70	2,057,124	284	584,223,216	4 10	23,953,151
1872	3,292,165	4,060 736	70	2,004,515	290	668,309,350	3 75	25,061 599
1873	3,560,192	11,279,720	70	2,492,134	267	665,399,778	4 35	28,944,891
1874	3,452,213	8,972,402	70	2,416,549	261	630,719,289	6 65	41,942,833
1875	2,803,969	8,157,128	70	1,966,978	271	533,051,038	7 05	37,580,095
1876	2,665,935	8,934,673	70	1 866,154	268	500,129 272	5 75	28,757,435
1877	2,961,366	7,580,920	82	2,455,573	252	618,804,396	4 25	26,299,187
1878	2,335,550	4,991,275	68	2,271,493	242	550,955,097	2 80	15,426,743
1879	2,799,051	3,812,328	90	2,543,278	276	702,102,812	3 30	23,169,392
1880	3,233,557	4,800,364	84	2,642,606	248	656,485,450	4 00	26,259,416
1881	2,872,074	5,354,800	71	2,039,149	234	492,096 606	5 26	25,946,974
1882	★3,390,335	5,455,161	83	2,813,961	244	686,908,678	6 40	43,832,117
1883	★3,414,739	5,767,778	83	2,834,220	233	686,454,022	4 75	32,772,001
1884	2,808,898	5,205,740	83	2,361,374	236	549,650,787	4 50	24,886,854
1885	★3,858,030	6,018,527	83	3,202,145	239	764,111,688	3 50	26,673,739

★Agricultural statistics returned by Assessors. † Estimated.

CATTLE.

The assessors' returns compiled in May, 1885 show an increase in the number of cattle as compared with the returns of the previous year. The official returns give 2,166,059 head of cattle including cows, which is the largest number ever reported in the State. The number of fat cattle marketed in 1885 is 497,586 head and exceeds the number sold from the farms of Illinois in any previous year.

The average weight per head of the fat cattle marketed the past season is 1,101 pounds and is some larger than the average of the two preceding years.

The average price during the year throughout the State has been $3.95 per 100, live weight and with the exception of the prices obtained in 1878, 1879 and 1880, is the lowest figure returned for fat cattle during the past thirty years.

The following table gives the number and assessed value of cattle, as well as the number, weight and value of cattle marketed in the State during the past thirty years. The value of cattle of late years has been fixed upon a basis of one-half the market value by the State Board of Equalization.

Year.	Assessors' Returns.		Estimated per cent. marketed	Number beef cattle marketed.	Av. gross weight per head.....	Total gross weight.	Value per 100 pounds gross..	Value beef cattle marketed.
	Number..	Value.....						
1856.....	1,169,855	$15,572,065	20	239,971	★1,000	233,971,090	★$4 75	$11,113,622
1857.....	1,351,209	16,171,830	20	270,242	★1,000	270,242,000	★4 75	12,836,495
1858.....	1,422,249	44,442,821	20	284,450	★1,000	284,450,000	★4 75	13,541,375
1859.....	1,336,565	12,371,600	20	267,513	★1,000	267,513,000	★4 75	12,706,867
1860.....	1,425,978	12,468,537	20	285,196	★1,000	285,196,000	★5 00	14,259,800
1861.....	1,428,362	11,494,803	20	285,672	★1,000	285,672,000	★5 00	14,283,000
1862.....	1,603,946	11,032,662	20	320,790	★1,000	320,790,000	★5 00	16,039,500
1863.....	1,684,892	12,699,732	20	336,978	★1,000	336,978,000	★5 00	16,848,900
1864.....	1,370,783	13,709,418	20	374,157	★1,000	374,157,000	5 05	13,844,928
1865.....	1,568,280	14,285,862	20	213,656	★1,000	213,656,000	5 70	12,178,392
1866.....	1,435,769	13,279,620	20	287,154	★1,000	287,154,000	5 60	16,080,626
1867.....	1,386,381	17,179,165	20	297,276	★1,000	297,276,000	5 75	17,093,370
1868.....	1,520,963	15,810,830	20	304,195	1,085	340,049,405	5 75	18,977,840
1869.....	1,584,445	15,497,350	20	316,889	1,103	346,528,567	5 70	19,923,130
1870.....	1,578,015	14,555,321	20	315,603	1,110	350,319,330	5 85	20,493,679
1871.....	1,611,349	14,605,415	20	322,270	1,129	363,842,830	4 75	17,282,533
1872.....	1,684,029	14,778,925	20	336,809	1,137	382,948,422	4 85	18,572,997
1873.....	2,015,819	35,776,899	20	403,164	1,145	461,622,780	4 50	20,773,026
1874.....	2,042,327	31,928,374	20	408,465	1,152	470,551,689	4 85	22,821,757
1875.....	1,985,155	28,323,950	20	397,031	1,147	455,394,557	4 85	22,086,633
1876.....	1,857,301	24,827,932	20	371,460	1,156	429,407,760	4 05	17,891,016
1877.....	1,750,931	21,677,643	24	423,984	1,097	448,151,088	4 25	19,046,421
1878.....	1,775,401	19,861,633	20	357,816	1,021	365,458,112	3 45	12,608,304
1879.....	1,862,265	18,893,811	24	457,331	980	448,463,450	3 50	15,696,219
1880.....	1,999,788	19,895,484	23	473,727	1,042	493,554,661	3 64	18,014,743
1881.....	2,045,366	20,528,846	23	470,424	1,129	531,280,052	4 15	21,950,890
1882.....	2,012,902	20,497,966	23	462,943	1,118	517,619,770	4 45	23,135,715
1883.....	1,959,867	20,581,411	23	453,055	1,062	481,144,410	4 25	20,448,637
1884.....	1,990,927	20,176,698	23	457,887	1,093	500,412,461	4 50	22,521,246
1885.....	2,166,059	20,815,827	23	497,586	1,101	548,126,905	3 95	21,595,137

★ Estimated.

WOOL.

The wool clip in each county in the State, in 1885, is given elsewhere in this report.

The amount of wool produced in the State in 1885, 3,833,505 pounds, was less than that of any year since 1879. The value per pound was the same as in 1884, but less than the seven preceding years. The following table gives the number of pounds, the value per pound and the total value of the wool clip of the State of the past nine years.

This table is compiled from the assessors' returns and the statistical reports made to the Illinois Department of Agriculture.

WOOL.

Year.	Number pounds shorn	Value per pound.	Total value.
1877.....	3,291,677	$0 30	$987,503
1878.....	2,891,087	25	722,752
1879.....	3,944,558	35	1,380,595
1880.....	4,757,938	34	1,617,698
1881.....	4,636,711	29	1,344,646
1882.....	4,570,081	27	1,233,922
1883.....	4,447,808	26	1,099,822
1884.....	4,301,024	21	912,418
1885.....	3,833,505	21	815,509

SHEEP.

The assessors' returns for 1835 show that the number of sheep in the State is less than that of any year since 1862, with the exception of the years 1875, 1876, 1877, 1878, 1879 and 1884.

The low price of wool the past few years has had much to do with the decrease in the number of sheep.

The number and value of sheep assessed, as well as the number and value of fat sheep marketed in the tate during the past thirty years, are given in the following table:

Year.	Assessors' Returns.		Estimated per ct. marketed.	Number fat sheep marketed.	Ave. gross wt. per head.....	Total gross weight.	Value per 100 lbs., gross.....	Value fat sheep product.
	Number.	Value.						
1856	786,433	$940,034	20	157,286	†90	14,155,740	†$3 50	$495,450
1857	760,602	881,126	20	152,120	†90	13,690,300	†3 70	506,560
1858	760,793	806,455	20	152,158	90	13,694,220	2 30	314,967
1859	647,334	682,082	20	129,467	91	11,791,497	3 80	447,694
1860	584,430	695,035	20	116,886	95	11,104,170	3 39	366,440
1861	731,809	747,437	20	146,276	104	15,212,704	3 30	366,439
1862	913,024	982,285	20	182,605	102	18,625,710	3 90	625,402
1863	1,206,625	1,910,654	20	241,325	110	26,575,750	4 95	1,214,012
1864	1,606,144	2,876,696	20	321,229	111	35,656,319	5 91	2,107,293
1865	2,165,972	3,955,102	20	433,194	†90	38,987,460	5 65	3,202,788
1866	2,415,980	3,283,595	20	483,016	104	50,233,664	4 35	2,185,196
1867	2,599,998	3,512,590	20	519,999	98	50,950,922	†4 25	2,195,796
1868	2,336,716	2,337,896	20	467,343	†90	42,960,870	3 80	1,598,314
1869	1,957,513	1,612,472	20	391,513	85	33,278,605	3 85	2,281,226
1870	1,434,236	994,610	20	286,847	†90	25,816,230	4 19	1,058,464
1871	1,073,497	732,254	20	214,699	†90	19,322,910	4 40	850,207
1872	1,010,475	1,024,468	20	202,095	†90	17,188,550	4 15	754,826
1873	1,092,104	2,135,593	20	218,421	†90	19,657,890	4 75	933,750
1874	1,036,831	1,676,090	20	207,366	†90	18,962,744	4 40	821,168
1875	928,056	1,399,397	20	185,611	†90	16,704,990	4 90	818,545
1876	824,854	1,185,736	30	164,971	†90	14,874,390	4 50	668,133
1877	757,105	1,008,054	★31	241,422	95	23,176,512	4 40	1,019,766
1878	775,757	893,036	★18	144,762	86	12,531,597	3 80	476,201
1879	847,101	930,607	★22	191,368	94	18,071,371	2 98	538,528
1880	964,696	1,246,822	★20	193,384	92	17,817,358	3 40	605,448
1881	1,088,544	1,403,352	★24	261,230	101	26,550,072	3 55	938,861
1882	‡1,203,183	1,348,181	22	264,576	101	26,641,005	3 60	954,863
1883	‡1,141,104	1,264,202	22	251,031	102	25,506,495	3 40	874,853
1884	933,330	1,083,853	22	205,322	100	20,603,042	3 30	679,758
1885	‡953,933	973,012	22	209,854	98	20,691,213	2 85	589,516

† Estimated. ★ Assessors' returns. ‡ Ag. statistics returned by Assessors.

DAIRY PRODUCTS.

MILK.

The following table gives the number of gallons and value of milk produced in the State during the past nine years:

Year.	Gallons produced.	Value per gallon.	Total value.
1877	17,124,566	$0 11 1-6	$1,912,236
1878	30,567,415	10½	3,209,579
1879	96,659,845	08	7,732,788
1880	38,986,861	09 1-6	3,573,796
1881	40,153,488	09½	3,814,581
1882	41,433,620	20	8,286,724
1883	43,006,273	14	5,923,207
1884	50,056,318	13	6,783,071
1885	54,321,937	14	7,583,372

BUTTER.

The following table gives the quantity and value of the butter marketed in this State during the past nine years:

Year.	Pounds produced.	Value per pound.	Total value.
1877	18,970,227	$0 20	$3,794,045
1878	17,997,652	15	2,699,648
1879	25,028,225	19	4,755,363
1880	24,553,449	20	4,910,690
1881	21,578,414	26	5,610,647
1882	21,658,054	25	5,414,763
1883	22,198,370	25	5,606,737
1884	22,696,333	21	4,749,507
1885	20,166,720	19	3,812,664

CREAM.

The quantity and value of the cream sold in this State during the past nine years is given in the following table:

Year.	Gallons sold.	Price per gallon.	Total value.
1877	2,744,259	$0 55	$1,509,342
1878	62,707	52	32,608
1879	230,497	49	112,943
1880	601,314	50	300,657
1881	1,380,939	51	704,279
1882	2,188,396	62	1,356,805
1883	2,324,579	57	1,229,826
1884	1,479,183	40	600,219
1885	2,553,415	46	1,184,986

CHEESE.

The following table gives the amount and value of cheese sold in the State during the past nine years:

Year.	Number pounds sold.	Value per pound.	Total value.
1877	4,502,671	$0 12	$549,320
1878	5,139,914	10	513,991
1879	6,618,212	13	860,367
1880	6,187,680	13	803,398
1881	5,837,974	15	875,696
1882	5,252,036	14	735,285
1883	4,931,826	14	672,474
1884	4,795,697	10	488,622
1885	2,312,266	10	230,795

FRUITS.

APPLES.

The number of bushels of apples produced in the State for the past nine years, as well as the value thereof, is given in the following table:

Year.	Number of bushels.	Priee per bushel.	Value of erop.
1877	5,395,351	$0 80	$4,316,281
1878	4,940,811	65	3,211,527
1879	5,958,690	75	4,469,017
1880	10,342,186	56	5,791,624
1881	2,659,529	1 22	3,244,625
1882	6,557,128	80	5,245,702
1883	6,818,520	75	5,134,042
1884	4,152,925	65	2,987,850
1885	3,778,644	61	2,292,731

PEACHES.

The extent and value of the last nine crops of peaches of this State are given in the following table:

Year.	Number of bushels.	Price per bushel.	Value of crop.
1877	402,587	$0 92	$370,380
1878	607,292	62	376,521
1879	25,749	1 34	34,503
1880	398,970	80	219,176
1881	96,507	1 55	149,586
1882	319,911	83	265,526
1883	260,923	1 10	286,765
1884	135,329	1 70	227,443
1885	51,466	75	38,741

PEARS.

The following table gives the extent and value of the pear crop of the State each year since 1876:

Year.	Number of bushels.	Price per bushel.	Value of crops.
1877	16,318	$1 35	$22,704
1878	13,510	1 25	16,887
1879	6,134	1 55	9,508
1880	35 714	1 30	46,428
1881	14,135	1 80	25,443
1882	9,964	1 33	13,252
1883	7,128	1 80	12,737
1884	4,418	1 40	6,128
1885	11,450	1 05	12,317

OTHER FRUITS AND BERRIES.

The following table gives the value of other fruits and berries, not named above, for the past nine years:

Year.	Acreage.	Value per acre.	Value of crop.
1877	4 523	$39 53	$178, 800
1878	2, 559	55 51	197, 581
1879	3, 111	59 62	185, 488
1880	7, 803	29 65	231, 417
1881	7, 670	26 34	208, 086
1882	5, 881	47 50	279, 360
1883	4, 583	58 33	267, 313
1884	10, 181	24 63	250, 747
1885	9, 401	32 46	305, 123

GRAPES.

The following table gives particulars concerning the last nine grape crops of the State:

Year.	Pounds produced.	Value per pound.	Total value.
1877	3, 002, 748	$0 03	$92, 782
1878	1, 922. 636	03	57, 679
1879	3. 184, 952	03	95, 548
1880	7, 833, 041	03	234, 991
1881	1, 115, 902	04	55, 795
1882	1, 013, 390	04	40, 536
1883	695, 100	05	36, 344
1884	467, 014	05	22, 500
1885	331, 404	04	13, 472

WINE.

The following table gives the number of gallons of wine produced in the State during the past nine years.

Year.	Acreage.	Av. yield per acre gal.	Number of gallons.	Value per gallon.	Total value of wine made.
1877	2, 612	61	158, 944	$1 20	$191, 933
1878	5, 178	27	142, 964	1 20	171, 557
1879	2, 899	112	326, 323	1 30	424, 220
1880	4. 340	122	530, 990	1 15	610, 638
1881	3, 663	35	129, 839	1 35	175, 282
1882	3, 235	30	96, 282	86	82, 802
1883	3, 500	21	73, 898	1 20	88, 518
1884	1, 092	21	43, 114	1 15	48, 605
1885	1, 447	31	44, 936	95	43, 125

WINTER WHEAT.

The area of the late seeding of winter wheat is reported at 1, 444, 515 acres, a decrease of fifteen per cent., or 249, 311 acres, as compared to the official area returned by assessors in May, 1885, when the area of the growing crop was reported as being 1. 693, 826 acres. The area seeded to winter wheat in the fall of 1884 was 2, 317, 291 acres, and of this area, according to the assessors' returns in May, 1885, 623, 465 acres were winter killed or otherwise damaged to such an extent as to make it advisable to seed the land to other crops. The continued unfavorable conditions from the time of assessment to harvest were such that only 1, 002, 734 acres were reported as harvested, showing a still further reduction of 691, 092 acres, and making a decrease in the extent of the crop harvested when compared to the area seeded, of 43 per cent.

In the following counties there is an increase as noted in the area seeded to winter wheat as compared to the last assessment, viz: Alexander, 110; Edgar, 125; Edwards, 115; Fulton, 105; Gallatin, 110; Greene, 115; Hardin, 106; Jackson, 102; Massac, 110; McLean, 130; Pulaski, 104; Union, 105, and Vermilion, 155.

It will be seen in the table published elsewhere in this report that there has been no increase in the area of wheat in the remaing counties, in the majority of which there has been a very considerable decrease.

Winter wheat, on the first of December, 1885, was up to an average in condition.

RYE.

There is a decrease in the area of rye of ten per cent., as compared to the area seeded in the fall of 1884.

The area of the growing crop of rye, of 131,488 acres, is the smallest reported during the past fifteen years.

The prospects are encouraging for an average yield per acre of rye.

The area and condition of rye in each county are given elsewhere in this report.

AGRICULTURAL STATISTICS.

The value of the crop statistics collected by this Department consists in their prompt and seasonable appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and the public to decide as to the extent of the supply and the market value of the crop. The official acreage of the crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the growing condition or yield of the harvested crop. It will be observed that in reporting condition, 100 is used by correspondents to represent a fair average vitality of growth of crops unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

The observers of this Department are as a rule farmers of extended experience and practical judgment, representative men of public spirit, and excellent character. The chief ambition of these enterprising men is to promote intelligent, progressive agriculture and give the public the benefit of the facts concerning the condition or extent of the crops.

It is not expected that the estimates of correspondents will more than closely approximate the returns of assessors reported the succeeding year. The estimates of the correspondents of this department during the past nine years, have, with few exceptions, been somewhat below the returns of assessors made the following year. The intelligent estimates heretofore made by correspondents have met the requirements of the producer and others interested in having early and reliable advices concerning the growing and harvested crops.

CHARLES F. MILLS,

Secretary.

CORRESPONDENTS' REMARKS.

ADAMS—The average yield per acre of corn is a little above that of the past nine years, the quality is not as good as usual; much of the corn being very light and chaffy. The acreage of winter grain is less than that seeded in 1884. The favorable weather of the past sixty days has given the growing crops an excellent start and the condition is above the average. The average yield per acre of buckwheat is 56; beans 50, and turnips and other root crops 100 per cent. when compared with last year's crop. The supply of fat hogs, sheep and beef cattle on hand ready for market is less than that of last season at a corresponding date. Considerable attention is being paid to the production of the various grass seeds The fruit crop was very poor, not more than one-third of the usual crop of apples and pears and no peaches. The yield of Irish and sweet potatoes was above the average. The improvement of all kinds of farm stock is engrossing the attention of the more enterprising of our farmers and stock breeders. Horses especially are commanding attention at this time, the Thoroughbred Norman and Clyesdale are all bred in this county. Live stock is in good condition and health.

ALEXANDER—The quality of the present corn crop is excellent and the yield is larger than any season in the past nine years. The weather has been favorable for the growing wheat and the acreage is larger than that of the past season. Little or no rye is raised in this county. There is a larger supply of fat hogs on hand and a less number of fat sheep and beef cattle than at a corresponding date last season. The dairy is meeting with more attention each succeeding year. The cultivation of grass seed is quite profitable and many farmers are seeding their lands to grass instead of wheat, owing to the uncertainty of the latter crop. The fruit crop has seldom been better than this season; every variety is reported up to the average; the apple crop was nearly double that of 1884. Very little attention is paid to the improvement of stock. Farm animals are healthy and in good condition.

BOND—The yield of corn per acre is about the average for the past nine years; that grown on prairie soil is very light and chaffy, whilst that grown on bottom land is excellent. The wheat area is greatly reduced when compared with last season; the growth is not rank, but there is large root, as it was generally sown in good time and condition. The same may be said of winter rye. There is a general reduction in the number of hogs, cattle and sheep on hand December 1st, as compared with a corresponding date last year. Considerable attention is paid to dairying. The fruit crop was nearly an average with the exception of peaches; the severe winter of 1884 killed nine-tenths of the peach orchards of the county. Irish and sweet potatoes have done well. More attention is being paid to the breeding of improved stock of all kinds—Short-horn and Jersey cattle; Poland-China and Berkshire hogs; Cotswold and Shropshire sheep are the favorite breeds and have been introduced with the view of grading up the native or "scrub stock." Many farmers are sowing more grass and less wheat owing to the low price of the latter crop. A few trotting horses have been brought into the county, also a number of Clydesdale and Norman draft horses, which are being bred to our native mares with wonderful success. Farm animals are comparatively healthy and are in fine condition for the coming winter.

BOONE—The yield of corn per acre is not up to the average and the quality is not good owing to the ravages of the wire and cutworms which were more numerous than usual, and damaged some fields fully 50 per cent. There is so little winter wheat raised in the county that it is not worthy of mention. The area of winter rye is about the same as last season and its condition is not as good as usual. The number of fat hogs, sheep and beef cattle is not as large as at a corresponding date last season. There is a general increase in all the products of the dairy. The fruit crop was a failure, not more than one-fourth of a crop of apples. There has been more drain tile laid this fall than ever before. Much attention is paid to the improvement in the breed of live stock. Farm animals are comparatively healthy and in good condition.

BROWN—There is a large amount of light, chaffy corn this season, but the yield per acre is larger than last season, and larger than that of any season since 1879. The area of winter wheat is much less than that of last season, and the condition was never bet-

ter. Winter rye has about the same area as last season. Considerable attention is being paid to the cultivation of grass seeds. There was a fair fruit crop, with the exception of peaches; the peach orchards were killed by the extreme winter of 1884-85. Farmers are tiling their lands and are very much encouraged by the increased yield of crops grown on tiled lands. No county in the State manifests more interest in the breeding of improved stock of all kinds than this, some of the choisest herds of short-horns and Jerseys can be found here, many of the best Norman and Clydesdale stallions have found their way into the county within the past year; the stock of the county generally is of a very high standard. Farm animals are in fine condition and health. Cholera is reported in a mild form among hogs in some parts of the county. Farmers are generally plowing their corn ground in the fall for the next spring planting, which has been found favorable to an increased yield.

BUREAU—The yield per acre of corn is fully 20 per cent. larger than in 1884; the quality is not up to the average as much of the corn was injured by the cool, wet fall, which prevented it from ripening and caused it to rot on the stalk. The limited area of wheat sown in this county looks fairly well. The area of winter rye is increased when compared with last season, and its condition is good. The yield of Irish potatoes was very large. The fruit crop was very nearly a failure. The product of the dairy is much larger than that of last season and the interest increases with each succeeding year. The number of marketable beef cattle and fat sheep on hand is about the same as last season. Very general attention is being given to the improvement of the various breeds of live stock, and this county can compete sucessfully with almost any in the State with her cattle and hogs. Tile drainage is growing in favor as the results are generally encouraging. Hog cholera has killed off a large number of hogs, embarrassing many farmers financially.

CALHOUN—The corn crop is of exeellent quality in most neighborhoods of the county, but the yield is not up to the average of last season. The acreage of winter wheat is less than that of last year; the condition is very good; the weather having been favorable for rapid growth during the past month. The same may be said of rye. The supply of fat hogs on hand is much less than at a corresponding date in 1884. The supply of fat sheep and beef cattle about the same as last season. There was about a half crop of apples and grapes, no peaches and but few pears. More clover has been sown than usual. Farmers find it to be the best and cheapest fertilizer There is an increase in the attention paid to the improvement of all kinds of stock. There has been considerable drain tile laid during the season, the results giving the best satisfaction. Farm animals are healthy and in good condition with the exception of hogs, which are more or less affected with cholera.

CARROLL—There is very little good corn this season; most of it is soft and chaffy. The yield, however, is nearly up to the average for the past nine years. The area of winter wheat is fully 25 per cent. less than that of last season, and the condition is fully up to the average. The same may be said of winter rye. The supply of fat hogs and beef cattle on hand ready for market is about the same as last year at a corresponding date. The dairy is in a flourishing condition. With the exception of peaches, the fruit crop was a fair one. Turnips and other root crops have yielded well. Farmers are giving more attention to the improvement of stock of all kinds, and a number of Short-horn and Hereford bulls have been purchased and brought into the county within the past season. The tile drain is used and the results are satisfactory. Farm animals are in fair condition and are healthy.

CASS—There is a very general complaint of the dry rot in the present crop of corn, which has cut the crop fully 10 per cent. below an average; the yield per acre is hardly up to that of last season, still about the average of the past nine years. The area seeded to winter wheat is less than that of 1884, and the condition is about the average. The same may be said of rye. The yield of Irish and sweet potatoes per acre is very good. There was but little over a half crop of fruit. The number of marketable hogs and cattle on hand is less than that of 1884 at a corresponding date. Many farmers have adopted the plan of sowing clover seed on their wheat fields in March and April with good results, as it makes a fine pasture for hogs, cattle or horses and can be plowed up late in the fall to be seeded in corn the following spring. Cass county is fast taking the lead in the breeding of horses—some of the best stables of improved Thoroughbreds, Normans, Clydesdales and Cleveland Bays in the country can be found within the limits of the county. Farm animals are generally healthy.

CHAMPAIGN—The present corn crop is the largest of any for the past nine years in yield per acre, and its quality is nearly up to the average. The area seeded to winter wheat is fully 25 per cent. less than that of last season. The favorable weather of the past two months has left wheat in fine condition for the coming winter. Rye has about the same area as last season and its condition is about the same as wheat. Farmers are giving more attention to raising the various grass seeds and find it quite profitable. The dairy interests of the county are in a flourishing condition, and promise a large increase in production each succeeding year. There was a little over two-thirds of an average fruit crop with the exception of peaches. The orchards of this county are fast dying out, the result of the excessive cold winter and spring of 1884-85. The number of marketable hogs, cattle and sheep on hand is less than at a corresponding date last season. The sorghum yield of this county is very large, averaging 200 gallons per acre. An unusual amount of fall plowing has been done and the better class of farmers have their work well in hand for winter. There has been a large amount of drain tiling done during the past few years, and the results are invariably good. The improvement of cattle and hogs is the ambition of nearly every farmer; a number of costly Short-horn and Hereford bulls have been brought into the county since January 1st, 1885. Farm animals are generally healthy, and are in prime condition for wintering. Hogs are somewhat afflicted with cholera in and around Homer; no complaint from other portions of the county.

CHRISTIAN—The yield of corn per acre is 32 bushels, which is larger than that of last season; the quality is not as good as usual—injured by frosts in some localities. The area

seeded to winter wheat is not more than 66 per cent. of that of 1884, and its condition is about up to the average. The acreage of rye sown is about 25 per cent. short of last year, and its condition about up to the average. With the exception of peaches, the fruit crop was fair. There is an increase in the acreage of orchards. Little or no attention is paid to dairying in this county. The number of hogs on hand is fully one-half less than on December 1, 1884. The marketable beef cattle and fat sheep on hand does not come up to last season in number. Drain tile has been very extensively laid this fall. This county will compare favorably with almost any in the State in the improvement of the breeds of farm animals,—draft and road horses, Short-horn and Hereford cattle, Berkshire and Poland-China hogs, Cotswold and Oxforddown sheep have the preference. In some portions of the county hog cholera has been very fatal, but is abating to some extent. Other stock is in good health and condition.

CLARK—The quality of corn is considerably below the average, much of it is worthless; the yield per acre is about 26 bushels, which is larger than the average for the past nine years. The area of winter wheat seeded this fall is fully one-fifth less than that of last season; the weather has been favorable for wheat and the condition is very good. The same can be said of winter rye. The supply of fat hogs, sheep and beef cattle is not as large as at a corresponding date last season. There was but a partial fruit crop. The interest in the dairy is increasing with each succeeding year. The tile drain has proven a success wherever tried, and a larger amount than usual is being laid this season. There is a steady improvement in the breeding of stock of all kinds, especially in hogs. The introduction of the Berkshire, Poland-China and Duroc Jersey has driven the old "hazel splitter," out of the county. The uncertainty of the wheat crop has induced many large wheat-growers to give up that crop and increased the area of their meadows and pastures. Farm animals are comparatively healthy and are in good condition.

CLAY—The favorable weather of the past six weeks has allowed farmers to crib their corn in good order; the quality of the corn is nearly up to the average, and the yield is estimated at 20 bushels per acre. The area of winter wheat seeded is fully one-third less than that of last season; owing to the uncertainty of the wheat crop farmers are seeding their lands to grass and are turning their attention to stock raising; the condition of wheat at this time is very good. There is about the same area of winter rye as last season, and it has made excellent growth. The supply of marketable hogs, sheep and cattle on hand December 1st is about the same as last year at a corresponding date. The dairy is commanding more attention each succeeding year, and there has been considerable increase in the number of milch cows since our last December report. Farmers have found that raising grass seed is a profitable business. The fruit crop was very good, with the exception of peaches. There are some of the largest orchards in the State in Clay county; the peach orchards were nearly all winter-killed by the extreme cold of the winter of 1884-85. There has been considerable interest within the past season in the improvement of the various breeds of stock; several Norman and Clydesdale stallions, and a number of Short-horn bulls have been introduced during the season. The question of drainage is one that is meeting with attention from many farmers who have low, flat lands; surface drainage is the method adopted in this county, although there has been some tile laid, with favorable results.

CLINTON—The yield of corn per acre is less than that of last season, but the quality is fully up to the average; most of the corn has been cribbed in good in good order. The area seeded to winter wheat is fully 40 per cent. less than that of last season, and its condition is not as good. The area of winter rye is somewhat larger than last season, and its condition is very good. The supply of marketable fat hogs and beef cattle on hand is about the same as last season at a corresponding date. The dairy is meeting with more attention than usual. The cultivation of grass seed has been quite profitable for the past two years. The fruit crop was a very good one, every variety yielding more than in 1884. Too little attention is paid to the improvement of stock. Farmers are experimenting with drain tile and find the results satisfactory.

COLES—The present corn crop has made a larger yield per acre than any since 1880, and the quality is nearly up to the average. The growing crop of wheat has a much less acreage than that of last season; the growth is very fine, and it goes into winter quarters in good condition. The same may be said of rye. The supply of fat hogs, sheep and beef cattle is about the same as last season at a corresponding date. The dairy is meeting with increased attention. The fruit crop was very fair, with the exception of peaches. Coles county has long since taken a front rank in the improvement of stock of all kinds. Farmers are adopting all the better methods of cultivating their lands. There has been but little hog cholera in the county during the past season. Farm animals generally are healthy and are in fine condition.

COOK—The yield of corn per acre is about the same as last season; the quality does not come up to the average. The area seeded to winter wheat in this county is so small as to make it unworthy of mention. The area of rye is about that of last season, and its condition is good. The number of fat hogs and sheep and beef cattle is about the same as last season at a corresponding date. There is more attention being paid to the dairy than usual, and market gardening is fast taking the place of the old-time system of farming. The fruit crop was fair with the exception of peaches. There is some complaint of sore eyes among cattle and of abortion among cows—cause unknown. The weather has been very favorable for fall work.

CRAWFORD—The yield of corn per acre is not as large as that of last season, still it is better than the average for the past nine years; the quality is good in some portions of the county, but there is much complaint of soft, unsound ears. The area seeded to winter wheat is larger than that of 1884, and its condition is generally good, although many fields have been worked by the fly. The limited area of rye sown looks well. With the exception of peaches, the fruit crop was very fair. Considerable attention is being paid to raising the various grass seeds with very successful results. The dairy interests are meeting with quite a boom. The number of marketable fat hogs, sheep and beef cattle on

hands at this date is not as large as on December 1, 1884. The improvement of stock can be seen on every hand, especially in the breeds of horses and cattle; a number of our wealthier and more enterprising farmers have invested largely in Norman and Clydesdale stallions and Short-horn bulls since the first of the year. The drain tile has proved a success wherever tried in this county and has given encouragement to our farmers to increase the area of their drain tiled lands. Hog cholera has been very fatal this fall; some farmers have lost their entire stock of hogs by its ravages, and in consequence have suffered serious financial loss. Other farm animals are in good condition and health.

CUMBERLAND—The quality of the present corn crop is not as good as usual; much of it is light and chaffy; the yield is somewhat larger than last season, and is estimated at 27 bushels per acre. The area seeded to winter wheat is less than that of 1884; condition very good. About the same area of rye has been seeded as last season and its condition is fully up to the average. The fruit crop was very fair with the exception of peaches; the extreme cold of last winter killed nearly all the peach trees in this county. The number of marketable hogs, cattle and sheep on hand is about the same as last yeer at a corresponding date. The improvement of farm stock meets with the proper encouragement. The drain tile has proven a great success wherever used; the increased yield and the certainty of a crop has given this system of drainage quite a boom in this county. Farm animals are comparatively healthy and are in good wintering condition.

DEKALB—There is much soft and mouldy corn this season and the yield will not exceed 28 bushels per acre, which is less than the average for this county for the past nine years. The area seeded to winter wheat and rye is about the same as last season; the condition is good; the weather has been favorable for a rapid growth and a good stand. The number of fat hogs on hand is not so large as at a corresponding date last season. Considerable attention is being paid to the improvement of all kinds of stock. There are a number of creameries in the county doing a good business and all the products of the dairy show a large yield. The fruit crop was almost a failure, a few apples and grrpes; no peaches or pears. Live stock is in good condition and health.

DEWITT—The quality of the present corn crop does not come up to the average; the yield per acre is larger than that of last season. There is but little winter wheat raised in this county, and the area seeded grows less with each succeeding year. The area of winter rye is not as large as last season; the weather has been favorable and the growth has been rapid. The number of fat hogs and sheep on hand ready for market is not as large as at a corresponding date last season. There are more beef cattle on hand than on December 1st, 1884. Considerable attention is paid to the raising of grass seed. The dairy is meeting with more attention than usual and shows a healthy increase in all its products. The fruit crop was a fair one with the exception of peaches; the peach orchards were all winter-killed last winter. There is a steady improvement in all kinds of stock, and farmers who have the means to spare are draining their farms with drain tile; the increased yield pays for the outlay. Farm animals are in good condition and health.

DOUGLAS—The quality of the corn is above the average, and has been cribbed in good order; the yield per acre is larger than that of any season since 1879. The weather has been favorable for the late seeding of wheat, which has made a strong, healthy growth, and goes into winter quarters in fine condition; the acreage is much less than for a number of years past. About the usual area of winter rye has been seeded, and its condition is about the same as that of wheat. Farmers are paying considerable attention to the raising of grass seed. There is an increased interest manifested in the dairy. There was a fair crop of apples, pears and other fruits, with the exception of peaches. This county has for a number of years past been taking an advanced position in the improvement of all kinds of farm stock. The Short-horn and Hereford are found in the county in the highest state of improvement in breeding. Many farmers are turning their attention to hog raising, which they have found quite profitable. There has been a large amount of drain tile laid in this county since the beginning of the year; the results are good, and an increase of yield per acre invariably follows the tiling of low lands. Farm animals are in comparatively good health and condition.

DUPAGE—The yield of corn per acre is hardly as large as that of last season; there is much soft corn, owing to the cool weather in August, which leaves the quality much below the average. There is so little winter wheat raised in this county that it is not worthy of mention. The area devoted to winter rye has been increased to some extent and its condition is good. The number of fat hogs and beef cattle is about the same as at a corresponding date last season. There is a healthy increase in the interest taken in the dairy. The fruit crop was but little better than a failure. The interest manifested in the breeding and raising of the draft horse is on the increase; one of the largest importing firms is located in this county and it has done much towards the improvement of the breeds of draft horses all over the country. The Short-horn and Hereford are the favorite breeds for beef, and the Jersey is a prime favorite as a milker. Tile drainage is quite popular with the farmers and land owners of the county, owing to the increased yield per acre of all crops grown on tile-drained land. Farm animals are in good condition and are free from disease.

EDGAR—The area of winter wheat has been increased fully 25 per cent. over that of last season; the weather for the past sixty days has been favorable to the rapid growth of the wheat, and it has gone into winter quarters in fine condition. The same may be said of winter rye. There was only a partial crop of apples, grapes, pears and small fruits, no peaches. The supply of marketable fat hogs, sheep and beef cattle on hand is much less than at a corresponding date last season. Little or no attention is paid to the dairy. Some of the most improved live stock in the State can be found in this county—thoroughbred Norman and Clydesdale horses, Short-horn cattle, Cotswold and Southdown sheep, Duroc, Jersey and Berkshire hogs are the favorite breeds. Farm animals are in good condition and health.

EDWARDS—The yield of corn per acre is larger than for any season since 1880, the quality is not good, there is a large amount of soft, chaffy corn, owing to the damage done to the growing stalk by the corn worm and

chinch bugs. The area of winter wheat is larger than that of last season; the early seeding was injured by the fly to some extent. The same may be said of winter rye. The fruit crop with the exception of peaches was unusually large. There is considerable interest manifested in the dairy and an increase is reported in its products. The supply of marketable fat hogs, sheep and beef cattle is about the same as last season at a corresponding date. Considerable attention is paid to the improvement of the breed of all kinds of stock, especially that of horses; within the past year some of the choicest blood of Kentucky has been brought into the county. A general improvement can be seen in cattle, sheep and hogs. The health of the farm animals is generally good and their condition, owing to the open fall, is better than usual.

EFFINGHAM—The yield of corn per acre is fully as large as last year; the quality is below the average owing to the damage done by chinch bugs. The area of winter wheat is not more than half as large as that of last season; the condition is very good, even better than the average for December 1st. The area of winter rye is about the same as last season, and is looking well. The supply of fat hogs, sheep and beef cattle on hand ready for market is a little less than at a corresponding date last season. The dairy interests of this county are in fine condition. Considerable attention is given to grass seeds. With the exception of peaches the fruit crop was equal to that of last season. More attention is being paid each succeeding year to the introduction of the improved breeds of cattle, horses, sheep and hogs. Farmers and land owners are beginning to adopt the tile drain in preference to any other method of reclaiming their low lands. Farm animals are in good health and condition.

FAYETTE—The yield of corn per acre is fully 33 per cent. larger than the average for the past nine years; the quality does not quite come up to the average, owing to the ravages of the chinch bug. The area sown to winter wheat is not more than two-thirds as large as last season; where not sown too early the condition is excellent; the early wheat was worked by the fly. There is about the same area of rye as last season; condition very good. There are more hogs and cattle on hand than last season at a corresponding date. Very little attention is paid to the dairy. There was only a partial grape, apple and pear crop; no peaches. There has been considerable improvement in stock of all kinds within the past two years. Many farmers are experimenting with drain tile on the low lands and are meeting with encouragement. Farm animals are in fair condition and health.

FORD—The quality of the corn is not as good as that of last season, much of it is mouldy and chaffy; the yield per acre is larger than that of any season since 1880. The area of winter wheat seeded in this county is very limited, hardly worth reporting. Winter rye is looking well and the area is nearly up to that of last season. There is a great reduction in the number of fat hogs and sheep on hand ready for market when compared with that of a corresponding date last season. The fruit crop was nearly a failure. Some little attention is paid to the dairy The interest manifested in the improvement of the breeds of stock of all kinds is steadily increasing. Considerable drain tile has been laid during the season but not as much as last year, owing to the scarcity of money. There is some complaint of cholera among hogs, other animals are in comparatively good health and condition.

FRANKLIN—The present corn crop will average about 27 bushels per acre, which is larger than any yield during the past three years. The area of winter wheat and rye is about the same as last season; the weather has been favorable and both crops have made excellent growth. Farmers are paying more attention to the production of grass seed than ever before. The fruit crop was very good; grapes, apples, pears and other fruits excepting peaches, yield more than an average crop. Very little attention is paid to the dairy in the county. The live stock in the county is almost entirely native or "scrub," and the importance of improving the breeds of horses, cattle, sheep and hogs is apparent on every hand; until this is done the farmers of the county may expect lower prices for their stock than that paid to their neighbors in adjoining counties. Farm animals are in comparatively good health and condition.

FULTON—The average yield of corn per acre is about the same as last season; the quality is not good, as much of it is soft and mouldy and loose on the cob; the corn has been cribbed in good season. The area of winter wheat is a little larger than that of last season; the wheat generally was seeded late in the fall; the weather being favorable it made good growth. Winter rye has much less an area than last season. The number of fat hogs on hand ready for market is fully 25 per cent. less than at a corresponding date last season. The supply of beef cattle and fat sheep is about the same as on December 1st, 1884. There was only a partial fruit crop. The interest in the dairy is steadily increasing. Much attention is given to the improvement of the breeds of all kinds of farm stock; number of Short-horn and Hereford bulls have been brought into the county during the year. Some of the best sires of road horses in the State can be found in the county. Cholera prevails very generally among hogs.

GALLATIN—The yield per acre of corn is about the average, while the quality is not so good as that of last season. The winter wheat looks well and has made about the usual growth before the winter set in. There are fewer hogs on hand ready for market and more beef cattle than at a corresponding date last season. The fruit crop generally was very good, apples, grapes, peaches all yielding well. Farm animals are in fine, seasonable condition; there is some complaint of cholera among hogs The lands that have been drained have yielded not only larger crops but a better quality of grain than the lands not tiled. There is a gradual improvement in all kinds of farm stock in this county and the interest in this respect is increasing with each succeeding year.

GREENE—The yield of corn per acre is hardly up to the average of last season; the quality is very good. There is an increase in the area of winter wheat over that of last year, and its condition is better than usual on December 1st. The same may be said of winter rye. There was a fair crop of apples, grapes, pears and other fruits excepting peaches. The number of fat hogs on hand ready for market is not as large as on December 1st, 1884. The supply of beef cattle

and fat sheep is about the same as at a corresponding date last season. There is a marked improvement in all the breeds of farm animals. Considerable attention is being paid to tile drainage, which has given very general satisfaction. Farm animals are in fine condition and health.

GRUNDY—The quality of the present crop of corn is not up to the average; the yield per acre is less than that of last season. Winter wheat is not raised in the county to any extent, but few patches here and there. About the usual area of winter rye has been seeded and is looking well. The number of hogs on hand is less than at a corresponding date last season. The supply of beef cattle and fat sheep ready for market is about the same as last December. The products of the dairy show an increase in this important industry. The fruit crop is but little better than a failure. Farmers are giving more attention to drainage than heretofore. There is an increased interest in the breeding of horses and cattle. Several imported horses have been brought into the county during the past year.

HAMILTON—The yield of corn per acre is fully 33 per cent. larger than that of last season; the chinch bugs injured the corn to some extent, but the quality generally is better than the average. Winter wheat has made a very fine growth and goes into winter quarters in good condition; the area is not as large as last season. The same may be said of winter rye. The supply of marketable fat hogs, sheep and beef cattle on hand is about the same as last season at a corresponding date. Farmers are paying more attention to the production of grass seed than ever before. The fruit crop was very good; every variety, excepting peaches, yielded well. Tobacco made a fine yield. There is quite an improvement in the breed of the live stock of the county. The Short-horn and Jersey are fast taking the place of the native or scrub. The Berkshire and Poland-China are taking the place of the old perch-backed "hazel splitter," and the Cotswold and Southdown can be found on almost every farm of the sheep raiser. Very little drain tile has been laid in comparison to the necessity for it, but farmers who have the means are experimenting with it, and more tile is laid each succeeding year. Farm animals are in fine condition and health.

HANCOCK—The yield of corn per acre is 30 bushels; the quality is not up to the average. The area of winter wheat is about the same as last year and its condition is good; the favorable fall weather has given wheat a fine start. Very little winter rye has been sown. The supply of fat hogs, sheep and beef on hand ready for market is not as large as that of last season at a corresponding date. The productions of the dairy are about the same as last year. Farmers are paying more attention to raising grass seeds than ever before. The crop of apples, grapes, etc., was fair. The area of tile-drained lands has been largely increased during the season. The improvement of the breeds of live stock can be seen on every hand. Farm animals are in fine condition and health.

HARDIN—There is a great deal of light and chaffy corn this season; the average yield per acre is 28 bushels. The wheat area is increased over that of last season, and its condition is above the average. There is very little rye raised in this county. The fruit crop was very good: grapes and peaches yielded more than an average. Very little attention is paid to the dairy. The supply of fat hogs is 25 per cent. less than that on December 1st, 1884. The number of beef cattle on hand ready for market is about the same as last season at a corresponding date. There is too little attention paid to the improvement of stock in this county. The importation of a few good stallions and bulls would be of great benefit to the farming community. Farm animals are in fair condition and health.

HENDERSON—The average yield of corn per acre is 32 bushels; the quality is not good, so much of it is damaged by dry mould and is light in weight. The area devoted to winter wheat is about the same as last season; the condition is very good. The area of winter rye in this county is very limited, but it is looking well. The supply of fat hogs, sheep and beef cattle is less than that of last season at a corresponding date, by 25 per cent. The dairy interest of this county is in fine condition. There was about one-third crop of apples, and with the exception of grapes, the fruit crop was a failure. There is a gradual improvement in the breeds of all kinds of farm stock. There is some complaint of the number of young calves dying; other animals are comparatively healthy.

HENRY—Much of the present crop of corn is soft and loose on the cob; the yield per acre is not up to the average. There is but little winter wheat raised in the county. The area of winter rye is less than that of last season. The supply of marketable fat hogs and sheep is less than at a corresponding date last season. The dairy interest of the county is increasing with each succeeding year. There was but a partial crop of fruits. Turnips and other root crops have yielded well. The drain tile is very popular in this county; the benefits to be derived from this system have been demonstrated to the satisfaction of all who have tried it. The improvement of the various breeds of live stock meets with encouragement. Many farmers are seeding their farms to grass with the view of increasing their cattle interests. Farm animals are healthy and in fine condition.

IROQUOIS—The yield of corn per acre is not as large as that of last season; the quality is nearly up to the average. The area seeded to winter rye is fully 25 per cent. less than that of last season. The limited area devoted to winter wheat is hardly worthy of mention. The fruit crop was a failure. Considerable attention is paid to the production of grass seed. The supply of hogs on hand ready for market is less than that of last season at a corresponding date. The number of beef cattle is about as large as on December 1st, 1884. The dairy is meeting with more attention each succeeding year. There has been more drain tile laid during this summer and fall than usual. The improvement of the breed of live stock of all kinds can be seen on every hand. Farm animals are in fine condition and health.

JACKSON—The yield of corn per acre is about the same as last season and the quality is nearly up to the average. There is a slight increase in the area of winter wheat when compared with last season; the condition is good. The same may be said of rye. There are more fat hogs on hand ready for market

than at a corresponding date last season. The number of beef cattle and fat sheep is about 15 per cent. less than last season. Farmers are paying considerable attention to the production of grass seed. There was a partial crop of apples, grapes and pears. Holstein cattle have been introduced into the county during the year. There is a general improvement in the condition of the farmers of the county. The health and condition of farm animals is good.

JASPER—The corn is not as good as was expected before the gathering; the yield per acre is fully 25 per cent. larger than that of last year. There is not one-half the area seeded to winter wheat there was last season; the condition is good. The number of fat hogs on hand ready for market is about one-half that of last year at a corresponding date. The supply of beef cattle and fat sheep is nearly as large as on December 1st, 1884. The interest in the dairy is rapidly increasing in this county. Considerable attention is paid to the production of grass seed. There was a large crop of apples and a fair crop of grapes and pears. A large amount of tile has been laid during the past season. There is a great improvement in the breeds of horses, cattle and hogs of the county. Farm animals are in good condition and health.

JEFFERSON—The average yield of corn per acre is 27 bushels, which is more than double that of last season and is 25 per cent. larger than the average for the past nine years. The quality is good, and it has about all been cribbed in good order. Winter wheat never looked better at this season of the year. The area is fully 25 per cent. less than that of last season. There is but little rye raised in this county. There was a very fair crop of fruit; the yield of apples and pears was very remarkable; there was about a half crop of peaches. There is an increased interest in the dairy. There is about the usual supply of fat hogs, sheep and beef cattle on hand, ready for market for Dec. 1. Farmers are paying more attention to the production of grass seed than ever before. There is a general improvement in the various breeds of live stock. A large crop of castor beans has been harvested and have paid about fifteen dollars per acre, which was about the best paying crop raised in the county. Many farmers are growing clover very extensively for pasturage, and for the purpose of fertilization. A marked improvement can be seen in all the breeds of live-stock. Farm stock is generally in good condition and health.

JERSEY—The average yield of corn per acre is 35 bushels and is generally of very good quality. Winter wheat looks well, having made rapid growth during the favorable weather of of the fall; the area is fully 25 per cent. less than last season. There is a general decrease in the supply of fat hogs, sheep and beef cattle on hand, ready for market, when compared with the supply of 1884 at a corresponding date. The dairy meets with its share of attention from the farmers of the county. There was a partial crop of grapes, apples and pears, but no peaches. The improvement of the different breeds of live-stock is receiving more attention than usual; several Short-horn bulls have been brought into the county during the season; the Clydesdale and Percheron are the favorites among the breeders interested in draft horses. The drain tile is used with considerable success. The condition of farm animals is good; no disease of any kind reported.

JO DAVIESS—The yield per acre of corn is 45 bushels, which is the largest since 1879. There is a great deal of soft and mouldy corn, and it is feared that much of it will not keep when warm weather arrives. The area devoted to winter wheat and rye is very limited in this county. The number of fat hogs, sheep and beef cattle on hand ready for market is less than at a corresponding date last season. One of the best Short-horn herds in the State is owned in this county. Much interest is manifested in the breeding of all the better strains of horses, cattle, hogs and sheep. The amount of drain tile laid during the past season was double that of any previous season. Farm animals are healthy and in fine condition. Farmers are inclined to increase their meadow and pastures, with the view of giving more attention to stock.

JOHNSON—The yield of corn per acre is about 30 bushels, which is less than half that of last season; much of the corn has been injured by the dry mould; the area of winter wheat and rye is about the same as last year, and the condition is very good. The number of fat hogs and sheep on hand ready for market, is less than at a corresponding date last season; the supply of beef cattle is 50 per cent less than on Dec. 1, 1884. Very little attention is paid to the dairy. There was an excellent fruit crop; all the varieties of fruit exceeding the yield of last season. Tobacco yielded very well. Farmers are giving more attention to the preparation of the soil before seeding, than usual. Fall plowing of corn land for the coming crop has been found quite profitable. This county is sadly in need of improvement in its live-stock; as yet but little attention has been paid to this matter.

KANE—The quality of the corn is very inferior; much of it soft and chaffy, and unfit for the crib; the yield per acre is considerably less than that of last season; the area seeded to winter wheat is very limited, not worthy of mention; the acreage of winter rye is a little larger than that of last season, and where sown early, has made a rapid growth and is in good condition. The supply of fat hogs ready for market is less than at a corresponding date, last season; the number of beef cattle and fat sheep on hand is about the some as on Dec. 1, 1884. The dairy interests of this county exceeds that of any county in the State, and is in a flourishing condition. The reputation of the butter made here is National, and always commands the "top of the market." The fruit crop was little better than a failure. Many farms have been improved by a system of tile drainage; slough lands literally worthless have been drained, and produce large crops. There have been large importations of Percheron, Norman and Clydesdale horses; Holstein, Jersey and Ayrshire cattle for dairy purposes. The Berkshire and Poland China are the favorite breed of hogs. There is some complaint of distemper in a mild form among horses, and of black leg among calves; there has been but little disease among hogs.

KANKAKEE—The average yield of corn per acre is 28 bushels, which is a little larger than that of last year. There is a larger amount of light and chaffy corn than usual,

owing to the ravages of the grasshoppers and chinch-bugs; winter wheat never looked better at this season of the year than at present. The same may be said of winter rye. The supply of fat hogs and beef cattle on hand is about 10 per cent. less than at a corresponding date last season. The dairy interests of the county are in a prosperous condition. Considerable attention is being paid to the production of grass seeds. The fruit crop was but little better than a failure; but few grapes and apples; no peaches and pears. There is a large increase in the area of tile-drained lands of the county; the increased yield per acre and the certainty of a crop grown on lands drained by this system, amply repays the farmer for the outlay. There is considerable interest manifested in the breeding of Clydesdale, Norman, Percheron and Cleveland bay horses in this county; some of the best specimens of the different breeds of draft horses in the State are owned in this county. Short-horn, Hereford and Jersey cattle are bred by many of the most enterprising farmers of the county. Farm stock is in good condition and health.

KENDALL—There is considerable soft, mouldy corn, and the quality generally is not as good as was expected before husking; the yield per acre is about 33 bushels; very little winter wheat raised in this county; the area of winter rye is about that of last season, and it has made excellent growth. The number of fat hogs and sheep is fully 20 per cent. less than that of last season at a corresponding date; the supply of beef cattle on hand ready for market, is equal to that of Dec. 1, 1884. The dairy interest of the county is in good condition, and the products are in great demand. Farmers are paying more attention to the production of grass seed. The fruit crop was a failure. The usual amount of tile has been laid and the beneficial results are ample to repay the owner for the outlay. There is a gradual improvement in the breeds of all kinds of live stock.

KNOX—The quality of the corn is very good; that grown on land that was plowed in the fall is superior to any other; the yield per acre is about the same as last year. There is a very small area of rye sown in this county; the condition is good. The supply of marketable fat hogs, sheep and beef cattle on hands is less than on a corresponding date last season. The fruit crop was almost an entire failure. Considerable attention is being paid to the production of grass seed. There is a great deal of attention paid to the improvement of all kinds of live stock in this county, especially horses; some of the best stables in the State are located near Galesburg. There are also some of the choicest blooded cattle in the country owned in this county; the prize winning herd of Short-horns in a number of State contests is to be found here. Farm animals are in good condition and health. The drain tile is very extensively used in the county and the results are very encouraging; the quantity of tile laid increases with each succeeding year; the manufacturers of tile find a market for their product at home, and have to run their factories at full capacity to supply the demand.

LAKE—The quality of the corn is below the average; there is a great deal of mouldy, chaffy corn; the average yield per acre is 35 bushels. Winter wheat looks well but there is very little sown in this county. Winter rye is doing well and the area sown is about the same as last season. The supply of marketable fat hogs and beef cattle on hand is about the same as at a corresponding date last season. There is an increased interest manifested in the dairy; many farmers have doubled the number of their milch cows and the area of their pasture lands. No time within the past 30 years has the advantage of properly drained lands been so clearly demonstrated as during this fall; on undrained lands it has been impossible for farmers to fall plow their lands, whilst on lands drained by either hill or surface drains, the work went on without interruption. Each succeeding year shows an improvement in all kinds of farm stock and the interest manifested this season in the important branch of farm life is on the increase; draft horses especially are meeting with attention; a number of Clydesdale, Norman, Percheron and English Shire stallions have been brought into the county during the season. Farm animals are in fair condition and health.

LASALLE—The average yield of corn per acre for this season is 32 bushels, which exceeds that of last year by about one bushel per acre; the quality is hardly up to the average. The winter wheat and rye area seeded this fall is about the same as last season and its condition is very good. The supply of fat hogs on hand ready for market is greatly diminished when compared with that of a corresponding date last season owing to the ravages of cholera. The supply of beef cattle is fully 10 per cent. less than that of Dec. 1st, 1884. Considerable interest is manifested in the dairy, and each succeeding year shows an increase in its products. Considerable attention is being paid to the production of the various grass seeds. There was a partial crop of grapes and apples, no peaches or pears. There has been more fall plowing done this season than usual. The improvement of all kinds of farm stock meets with its share of attention from the farmers of this county.

LAWRENCE—The average yield of corn per acre is 36 bushel, which is the largest yield of any season in the past nine years; the quality of the corn is only fair, much of it is light and chaffy. The area of winter wheat is much less than last season and its condition is not as good as usual. Very little rye is raised in this county. There is about the usual supply of fat hogs, sheep and beef cattle on hand for Dec. 1st. The establishment of a creamery at Sumner has induced farmers in the west part of the county to increase the number of their milch cows as well as the acreage of pasture and meadow lands. The fruit crop has been good with the exception of peaches and pears. Many farmers are laying drain tile in their low, wet land and the result has been very satisfactory. There is considerable interest manifested in the improvement of the breeds of all kinds of live stock; a number of Short-horn bulls have been brought into the county within the past year; several Norman and Clydesdale and roadster stallions have been introduced since spring. Some of the best Poland China hogs in the State are owned near Sumner. Farm animals are in fine condition and health.

LEE—The average yield per acre of corn is not more than 22 bushels; the quality is good and most of it has been cribbed in good order. The limited area of winter wheat sown in this county is hardly worthy of report. The area of winter rye is larger than that of last year; the condition is very good. The

supply of fat hogs and beef cattle on hand ready for market is larger than last season at a corresponding date. There is an increased interest in the dairy each succeeding year. The fruit crop was very good with the exception of pears and peaches; the orchard area was greatly reduced by the extreme cold of last winter; fully one-half the trees were killed. There has been a great deal of tile laid during the season. Chester White hogs are taking the lead as early marketers and are thought to be less subject to the cholera and other diseases. The improvement of live stock of all kinds meets with encouragement and a number of Short-horn and Hereford bulls, Clydesdale and Norman horses have been brought into the county this season.

LIVINGSTON—The wheat area of this county is very limited and gradually grows less with each succeeding year; the low price of wheat and the general uncertainty which surrounds its cultivation has induced many farmers to abandon it and turn their attention to other crops. Very little winter rye is raised in the county. The fruit crop was a failure. The supply of hogs on hand ready for market Dec. 1st, is 66 per cent. less than at a corresponding date last season. The number of cattle is about the same as on Dec. 1st, 1884. But little attention is paid to the dairy. The area of drain tiled lands has been doubled within the past season, and the results continue to be very satisfactory. There is an increased interest manifested in the breeding of horses in this county; some of the largest importers of the Norman or French draft horse in the State reside in this county, and find the breeding of draft horses quite profitable; other farm stock meets with its share of attention. Farm animals are in good condition and health.

LOGAN—The favorable weather of the past two months has afforded abundant opportunity for farmers to gather and crib their corn; the yield is hardly up to the average for the past nine years and the quality is not as good as usual. The uncertainty attending the wheat crop has caused many farmers to give it up entirely and seed their land to grasses, with the view of increasing their herds of cattle, as well as to fertilize their lands. There is but little rye grown in this county. The supply of fat hogs is fully 15 per cent. short of that of last season. The number of beef cattle is about the same as last season at a corresponding date. The fruit crop was but little better than a failure. Some of the most improved stock in the State is owned in this county. The interest is not confined to any one class but extends to horses, cattle, sheep and hogs. Farm animals are free from disease and are in good condition.

MACON—The average yield of corn per acre will reach 40 bushels and the quality is as good as the average; the crop has been cribbed in good order. The area devoted to winter wheat is much less than that of the past season; the growth has been rapid and strong and the condition is very good. About the same area has been seeded to rye as last season and its condition is good. The supply of fat hogs and beef cattle on hand ready for market is fully 25 per cent. less than at a corresponding date last season. The number of sheep is not more than half as large as on December 1, 1885. There is an increase manifested in the dairy. The fruit crop was nearly a failure, a few grapes, apples and pears but no peaches. There is considerable attention paid to the improved breeds of cattle and horses by the farmers of this county Farm animals are in good health and condition.

MACOUPIN—The quality of corn is fully up to the average and the yield is 35 bushels per acre, which is considerably above the average. The condition of the late seeding of winter wheat is very encouraging; the acreage is much less than that of last season; the unusual fine weather of the past month has been very beneficial to the winter grain. There is about the same acreage of rye sown as last season, and the condition is good. The supply of farm animals is about as follows when compared with last season: hogs, 63; beef cattle, 80; sheep, 83 per cent; prices generally average about the same as last season. The yield of grass seeds is larger than that of 1884. The fruit crop was far above that of last season with the exception of peaches, which crop was an entire failure. The dairy interests of this county are improving in every respect. There is a steady improvement in the breeds af all kinds of farm animals, especially in hogs. Clover is being sown by many farmers on old and worn out lands as a fertilizer, with remarkable success. With the exception of some hog cholera in portions of the county, farm animals are healthy and in good condition.

MADISON—The yield of corn per acre is about 32 bushels; the quality is not as good as expected, as much of it was blown down and did not fill, and was damaged on the ground. The area seeded to winter wheat is less than that of last season; the condition is good except where seeded early, which has been injured by the Hessian fly. The area of rye sown is larger than that of last season, and its condition very good. The dairy is commanding more attention each succeeding year; many farmers are reducing their lands to meadow and pasture with the view of increasing their milch stock. Last spring there was a milk-condensing establishment put in operation at Highland, which has been very successful in disposing of its product at good prices. Underground drainage has proven a success, and the tile factories are doing a very brisk business. The improvement of stock in this county has been gradual, and now many of the best herds of Holstein and Jersey cattle in the southern part of the State can be found in Madison. The uncertainty attending the raising of hogs, on account of cholera, has made many of the larger breeders give up hog raising and turn their attention breeding horses and cattle. With the exception of hogs, farm animals are healthy and in good condition.

MARION—The drouth during the summer injured the present corn crop considerably; the yield will not average more than 15 bushels per acre, but the quality is very good. The area devoted to winter wheat is nearly 50 per cent. less than that of last season; the condition is good. There is little or no winter rye raised in this county. There is more attention paid to the cultivation of strawberries and small fruits in this county than almost any other in the State; from Centralia alone there was no less than 415 car loads of berries shipped to the cities of the north and west during the past season. The products of the orchard in this section of the country were simply enormous; it is estimated that more than a 100,000 bushels of apples were shipped from this county. The supply of fat hogs, sheep and beef cattle on hand ready for

market, is 20 per cent. less than last season. Considerable attention is being paid to the dairy interest of the county. An unusual amount of drain tile has been laid during the past fall. There is a very general improvement in all the breeds of live stock. Farm animals are in good condition and health.

MARSHALL—The average yield of corn per acre is 32 bushels, which is a larger yield than the average for the past nine years, and about the same as that of last season. The area devoted to winter wheat is not more than 60 per cent. of that of last season; the condition is about the average. The same may be said of rye. The supply of fat hogs on hand ready for market is much less than that of last season. There is about the usual number of beef cattle on hand for December 1. The fruit crop was a failure; but few grapes, apples and pears. There is a gradual improvement in the breeds of horses, cattle and hogs going on in the county. The tile drain has proven a success, and the increased yield per acre and certainty of a crop repays the farmer for the outlay. Farm animals are in fine condition and health.

MASON—The yield of corn per acre is about the same as last season, and the quality is nearly up to the average. The area devoted to winter wheat is not more than two-thirds as large as that of last season. The area of winter rye is fully 20 per cent. less than that of last season. The growth of both crops has been very good. The supply of fat hogs and beef cattle on hand ready for market is about 20 per cent. less than that of a corresponding date last year. Special attention is being given to drainage; there are eight or nine drainage districts organized in the county which will reclaim 100,000 acres of the richest and most productive lands in the county, when completed. Mason county is ahead of any other in the State in its drainage enterprises. There is already completed over 20 miles of ditches ranging from 30 to 60 feet wide, and from 8 to 10 feet deep. The improvement of the various breeds of live stock is not rapid, but there is an increased interest manifested, especially in cattle and horses. There was but a partial crop of grapes, apples and pears; the severe cold of last winter injured the orchards very much. There is some complaint of cholera among hogs. Other animals are comparatively healthy and in good condition.

MASSAC—The quality of the present corn crop is above the averge, and the yield per acre is 23 bushels. There is an increased area winter wheat seeded over that of last year; that sown early covers the ground nicely, and is growing very rapidly. The number of fat hogs, sheep and beef cattle on hand ready for market is less than that at a corresponding date last season. Farmers are paying more attention to the production of grass seed than usual. The fruit crop was very good, almost every variety exceeding the yield of last season. Too little attention is paid to the improvement in the breeds of live stock. Tobacco made a fair yield per acre. There is a great deal of complaint of cholera among the hogs of the county; some farmers have lost their entire stock.

MCDONOUGH—Much of the corn crop is light and chaffy; the yield will average about 27 bushels which is not more than three-fourths of that of last season. There is less winter wheat sown than last season, but the ground was in good order and it looks well. The area of winter rye sown in this county is very small, hardly worthy of mention. The supply of fat hogs and sheep on hand ready for market is not as large as at a corresponding date last season. The dairy interest of the county is in a prosperous condition, all the products are reported up to the average. Considerable attention is paid to raising grass seed. There was a partial crop of grapes, apples and pears. Farmers are giving more attention than usual to the breeding of draft horses; the Clydesdale, Norman and English draft are all bred in this county. One of the best Short-horn herds in the country is owned in the county; the cattle of the county generally are of a very high grade and command good prices. A very large amount of tile has been laid during the past season. The farm stock of the the county are in good condition and health.

MCHENRY—The yield of corn per acre is larger than that of any season in the past ten years, there is a great deal of loose corn on the cob, otherwise the quality is good. The area devoted to winter wheat and rye is very limited and hardly worthy of mention. There is about the usual supply of fat hogs, sheep and beef cattle on hands ready for market. The dairy interest of this county is very extensive and is in a prosperous condition. Farmers are paying considerable attention to the production of grass seed. The fruit crop was very poor. The interest in tile drainage is rapidly increasing, and more tile has been laid during this year than ever before. More attention is being paid to the improvement of the breeds of horses, cattle and sheep; the Short-horn seems to be taking the lead among dairymen; the Clydesdale and Norman are the favorites among farmers raising draft horses. Farm animals are healthy.

MCLEAN—The present corn crop is larger than any since 1881, and the quality is above the average. There is very little winter wheat or rye raised in this county. The supply of fat hogs, sheep and beef cattle is less than that of a corresponding date last season. The fruit crop was nearly a failure, no peaches or pears, and but few apples. There is as much attention paid to the improvement of the breeds of horses and cattle in this county as any in the State; the blue grass lands of the county are especially adapted to stock raising, which is one of the principal features of a farmers life; the Short-horn is a favorite above all others with the beef producers; the Norman, Clydesdale and English Shire and Thoroughbred are all to be found in the county; several extensive stock importing companies are located in the county near Bloomington. The tile drain is used by nearly every farmer with successful results. Farm stock are in fine condition and are free from disease.

MENARD—The quality of corn is about the average where not affected by the "dry rot;" the yield is better than an average. The area of winter wheat sown is less than that of last season and its condition is very good; the weather having been favorable for the rapid growth of wheat. The same may be said of rye. The fruit crop was very short, not more than a half crop of apples and a two-thirds crop of grapes and pears. The supply of hogs and sheep on hand ready for market is about the same as last season at a corresponding date, whilst the supply of cattle is not as large by 33 per cent. This county is keeping

apace with any in the State in the improvement or stock. The Clydesdale is taking the lead as a draft horse, although Norman and Percherons have their friends and admirers. The Short-horn is the favorite among the beef raising breeders and the Jersey among the milk producers. The farmers of this county are fully alive to the benefits to be derived from the present system of underground or tile drainage, and each succeeding year the area tiled is largely increased; the yield of corn on tile drained land is from 25 to 40 per cent. on an average over that grown on untiled lands. In some portions of the county the cholera has been very fatal among hogs, many farmers losing their entire stock. Other farm animals are in good health and condition.

MERCER—The yield of corn per acre is less than that of last year and the quality is not up to the average, owing to the grasshoppers and the root web-worm. The area seeded to winter wheat is about the same as last season, which is very limited; the condition is not good. The area of winter rye is nearly equal to that of last season; its condition is not good owing to the grasshoppers and drouth during past two months. There was a fair crop of apples and grapes, no peaches or pears worthy of mention. The marketable supply of hogs, cattle and sheep is not quite as large as last season at a corresponding date. Our farmers are tiling their lands when they have the means to do so and find that the large yield amply repays them for the outlay. There is a gradual improvement going on in the breeding of all kinds of farm animals; the Thoroughbred, Clydesdale and Norman Percheron are all bred in the county, and Short-horn cattle can be seen on nearly every farm. There is a small white worm that attacks the roots of corn when planted two seasons in succession on the same field, which causes it to fall. The weather has been very favorable for fall work and our farmers have taken advantage of it and are prepared for the coming winter. The hog cholera has been very fatal in some localities and especially in the west portion of the county. Farm animals generally are in good health and condition.

MONROE—The yield of corn per acre is not as large as last season; the corn measures well but weighs light; the drouth in the early part of the season affected its growth. Winter wheat has made an unusual growth, covers the ground well and goes into winter quarters in fine condition. The same may be said of rye. The supply of fat hogs and sheep is fully 25 per cent. short of that of last season at a corresponding date. The number of beef cattle on hand ready for marker is larger than usual. The fruit crop was fair. Farmers are paying more attention to the production of the various grass seeds. There is some complaint of "bighead" in horses, other animals are comparatively free from disease and are in good condition. Farmers are improving the breeds of cattle by the introduction of Short-horn and Hereford bulls.

MONTGOMERY.—The yield per acre of corn is larger by 20 per cent. than that of 1884, and considerably larger than the average for this county The quality is not quite up the average. In some portions of the county the ears are very light and chaffy. The acreage of winter wheat and rye is about the same as in 1884. The condition is fully up to the average. There is more attention being paid to the dairy. Many farmers have seeded their farm to meadow and pasture with the view of increasing the number of milch cows. The number of hogs, cattle and sheep on hand ready for market falls short of that of 1884. The fruit crop was much better than was expected, and with the exception of peaches, there was a fair crop of fruits. In no county in the State is there more interest shown in the improvement of stock of all kinds and each succeeding year gives some new evidence of progress in this line. The question of drainage is one that has for a number of years interested our farmers and now that all experiments with drain tile have proven successful, our farmers are yearly increasing the area of tiled lands. Farm animals are in good condition and health.

MORGAN.—The yield of corn per acre is about 38 bushels which is larger than any average since 1881. The quality is only medium as there is much soft and loose corn. In some fields the dry rot injuried the corn. About the same area of winter wheat has been sown as last fall and as the season has been favorable its condition is very good. The same may be said of rye. The supply of marketable fat hogs, sheep and beef cattle is not so large as at a corresponding date last season. There is an increased interest being taken in the dairy and there is a corresponding increase in the dairy products of the county. There was about a half a crop of apples, grapes and pears, but no peaches. The peach orchards were all winter-killed by the severe cold of last winter. In no county in the State has there been greater progress in the improvement of stock of all kinds than in Morgan. Several of the prize winning herds are owned in this county. Farm animals are free from disease with the exception of hogs.

MOULTRIE—The yield of corn per acre is larger than for any season since 1876, averaging 37 bushels. The quality is nearly an average for this county. The area of winter wheat seeded this fall is fully one-fifth less than that of last season. The condition is generally good, although in some portions of the county there is complaint of fly among the early wheat. About the same area of rye seeded as last season—condition good. Considerable attention is being paid to raising grass seed with fair success The number of marketable fat hogs, sheep and beef cattle is not so large as last season at a corresponding date. Tile drainage is being extensively laid and favorable results are derived therefrom. Quite an interest is being taken in the draft-horse. Normans and Clydesdales are the favorites, and many of our farmes have invested in stallions since the first of the year. Short Horn and Jersey cattle are found on nearly every farm and a general improvement can be seen in the character of cattle. More attention than usual is being paid to the breeding of hogs and sheep. Farm animals are in fine condition and health.

OGLE—The yield of corn per acre is not quite as large as last season. There is some chaffy and light corn but the quality on an average is very good The limited area of winter wheat looks very well, the weather having been favorable for rapid growth. The same may be said of winter rye. The supply of fat hogs and sheep on hand ready for market is less than at a corresponding date last season. The number of beef cattle is about the same as on Dec. 1, 1884. The dairy interest is in a prosperous condition and

rapidly increasing with each succeeding year. Considerable attention is being paid to the production of grass seed. There was a partial crop of grapes and apples. No peaches or pears. Farmers of this county are giving especial attention to the improvement of the breeds of cattle and hogs. There has been more tile laid during the past season than ever before. Farm animals are in fine condition and health.

PEORIA—The quality of corn is generally good and the yield per acre is larger than for any season since 1880. There is a reduced area of winter wheat when compared with last season. The condition is not as good as usual for Dec. 1, owing to the grasshoppers and fly. Very little winter rye sown in this county. The supply of fat hogs on hand is 50 per cent. less than at a corresponding date last season. The number of beef cattle about the same as that of Dec. 1, 1884. The dairy is meeting with more attention each suceeeding year. Farmers are putting their lands in meadow and pasture with the view of increasing their milk breeds of cattle. The general condition of farm animals is not up to the average owing to the injury to pastures by grasshoppers. Farmers are being convinced more and more every years of the advantage of rotating crops and plowing in the spring. The latter is a remedy for insects, as it destroys the eggs. More attention is being paid by our farmers to underground drainage than usual. The good results of which are seen on almost every farm. Fish culture is developing very rapidly into a paying investment. Many farmers are bringing low wet places into use by turning them into ponds by building dams and stocking the ponds with fish. One correspondent writes that he has a three acre pond stocked with carp two years ago which he would not take $1,000 for. Many of the carp weighed 8½ pounds this fall. Farm animals are in good condition and health.

PERRY.—The average yield of corn per acre is 26 bushels and the quality is nearly up to the average. Winter wheat is a little later than usual but the fine growing weather has put it in good condition for winter. The area is 25 per cent. less than last season. Rye looks well and has an area equal to that of last season. The supply of fat hogs on hand is larger than at corresponding date last season, whilst the number of beef cattle and fat sheep is less. Considerable attention is paid to the dairy. The fruit crop was very good with the exception of peaches, of which there was about a half crop. The improvement of all kinds of stock is receiving more attention each succeeding year. Farm animals are very healthy and are in good condition.

PIATT.—The average yield per acre of corn is 35 bushels which is less than that of last year. The quality is very good. Winter wheat is looking well, having made a very rapid growth during the favorable weather of the fall. The area sown in this county is very limited. The same may be said of winter rye. The fruit crop was nearly a failure. The supply of fat hogs, sheep and beef cattle on hand ready for market Dec. 1, is much less than at a corresponding date last season. More attention is being paid to the improvement of the breeds of all kinds of stock during this season than for years past. Farmers are tiling their low or wet lands with very encouraging results. More tile has been laid this fall than usual. Farm animals are in fine condition and health with exception cholera among hogs.

PIKE—The corn crop is hardly up to the average in quality or yield per acre; where grown on old corn land, was greatly injured by root-web worm. The area of winter wheat seeded this fall is 25 per cent. less than than that of last season; wheat looks well, but has not made the growth expected of it, although the weather has been very favorable. There was a fair crop of grapes and apples. The supply of fat hogs and sheep on hands is less than at a corresponding date last season. The number of marketable beef cattle is about the same as on December 1, 1884. The improvement of stock of all kinds can be seen in any neighborhood. The system of tile drainage is quite popular, and the results are invariably favorable. Cholera has killed off nearly all the hogs in some neighborhoods in this county. Other farm animals are healthy and in good condition.

POPE—The yield of corn per acre is about 30 bushels, and the quality is better than an average. The area devoted to winter wheat is very much less than that of last year; the condition is good. Very little winter rye raised in this county. The supply of fat hogs, sheep and beef cattle on hand ready for market is about 15 per cent. less than at a corresponding date last year. Considerable attention is paid to the production of grass seed. There was a very nice crop of grapes, apples, peaches and pears. Very little attention is paid to the improvement of farm animals. Very little tile drainage has been done in this county. Farm animals are in fair condition and health.

PULASKI—The yield of corn per acre is 35 bushels which is larger than any season since 1882: the quality is better than the average. The area of winter wheat is larger than that of last season: the favorable weather of the fall gave wheat an excellent growth, and it will go into winter quarters in better condition than usual. Very little rye raised in the county. Considerable attention is paid to the production of grass seed. The fruit crop generally was very large and profitable. Too little attention has been paid to the improvement of the breeds of live stock; during the season, however, a number of Jersey cows have been brought into the county. Farm animals are in good condition andhealth.

PUTNAM—The corn is more less damaged by dry rot on the stalk and is not up to the average in quality; the yield per acre is not as large as last season. There is a reduction in the wheat area of 20 per cent. when compared with that of last season; the weather has been favorable and it looks well. Very little winter rye raised in the county. The supply of fat hogs is nearly 50 per cent. less, and that of beef cattle 50 per cent. greater than at a corresponding date last season. The dairy interests of the county are in good condition. Considerable attention is being paid to the production of grass seeds. There was a partial crop of grapes, apples and pears. More drain tile has been laid this fall than ever before in one season. Farmers are making every effort to improve the breed of their farm stock, especially draft horses; the Clydesdale, Norman, Percheron and English Shire are all bred in the county and command good prices. The condition of farm stock is good. During the summer and early part of the fall a great many hogs died with cholera.

RANDOLPH—The yield of corn per acre is 29 bushels and the quality is exeellent. The area devoted to winter wheat and rye is a little less than that of last season; the condition is very good. The number of fat hogs and cattle on hand ready for market is about the same as last season. The dairy interests of this county are in a prosperous condition. Considerable attention is being paid to the production of grass seeds. The fruit crop was very fair; the apple crop was very large. Farmers are manifesting more interest in the improved breeds of cattle and horses and several fine spreimens of Shorthorn bulls and Clydesdale and Norman stallions have been brought into the county sinee January 1, 1885.

RICHLAND—The average yield of corn per aere will not exceed 19 bushels; the quality is greatly affected by chinch bugs. The winter wheat area, seeded this fall, is 25 per cent less than in 1884; the condition is good; the same may be said of winter wheat. The supply of marketable fat hogs, sheep and beef cattle on hand is larger than at a corresponding date last season. There was a partial crop of grapes, apples and small fruits, but no peaches or pears. The improvement of the breeds of live stock is engrossing the attention of our farmers; fine specimens of Clydesdale and Percheron horses, Short-Horn and Hereford cattle, Cotswold and Southdown sheep and Berkshire and Poland China hogs can be found in the county. Farmers are more extensively tiling their low lands with remarkably successful results.

ROCK ISLAND—The yield of corn per acre is the largest of any crop since 1880; the quality is not as good as that of last year as much of the corn is loose and chaffy. There is very little winter wheat raised in this county. There is a general falling off in the supply of fat hogs, sheep and beef cattle on hand ready for market when compared with a corresponding date of last season. More interest is manifested in the dairy than ever before. Many farmers are increasing the number of their milch cows and the area of their pasture lands with the view of giving this industry more attention. There is great improvement in the breeds of the live stock of this county. Large quantities of tile has been laid during the season.

SALINE—The average yield of corn per aere for this season is 20 bushels; the quality is better than an average. Winter wheat looks well having made a fair growth during the past few weeks of favorable weather; the area seeded is fully 20 per cent less than that of last season. Winter rye is not raised in this county. The number of fat hogs and sheep on hand ready for market is much less than at a corresponding date last season; the supply of marketable beef cattle is about the same as on Dec. 1. 1884. There was a fair crop of grapes, apples, pears and other fruits with the exception of peaches. Very little attention is paid to the improvement of the breeds of live stock. Farm animals are in good health and condition.

SANGAMON—The yield of corn per acre is 41 bushels, which is larger than the average for the past nine years; the quality is very good and the favorable weather of the past two months has afforded an opportunity for gathering and cribbing. The area of winter wheat seeded is not up to that of last year; the wheat has made good growth and goes into winter quarters in fine condition. The same may be said of rye. The supply of marketable fat hogs, sheep and beef cattle is about as large as at a corresponding date last season. There was only a partial apple crop, no peaches and but few pears.. Turnips and other root crops have made a large yield. Stock raising has long since become the leading feature of the farmers and land owners of this county. The cattle of this county will compare favorably with any in the country. The prize winning Hereford steer Regulus, owned by Fowler and Vanatta, of Fowler, Ind., was bred and raised in this county near Williamsville; some of the best stables of Thoroghbred, Clydesdale, Norman and Cleaveland Bay horses in the country are owned in this county and importations are made from the British Isles and France every season. Chester White, Poland China and Berkshire hogs are all bred in the county with great success; Cotswold and Southdown sheep of the most improved breed are also raised in the county. Considerable tile drain has been laid during the season. With the exception of cholera among hogs, farm animals are healthy and in good condition.

SCHUYLER—The yield of corn per aere is fully 25 per cent less than that of last season and the quality is not up to the average. The area of winter wheat is not as large as last season; the condition is very good. The same may be said of winter rye. The supply of marketable fat hogs, sheep and beef cattle on hand is about the same as last season at a corresponding date. The dairy interest of the county is in fine condition. There was a partial crop of apples, grapes and pears. There is a gradual improvement in the breeds of all kinds of live stock. More tiling has been done this season than usual. Farm animals are in good condition and health.

SCOTT.—The corn crop is about the same as last year in both quality and yield per acre. The area of winter wheat is but little over two-thirds of that of last season and the condition is not up to the average. The area of winter rye is greatly reduced when compared with that of last year. The condition is very good. The supply of fat hogs, beef cattle and sheep is much less than at a corresponding date in 1884. There was about a half crop of apples, no peaches, and a full crop of grapes and pears. Considerable attention is being given to the improvement of the various breeds of farm animals and a number of new importations have been made during the season of Short-Horn and Hereford bulls. The Clydesdale and Norman are the favorite breeds of those desiring draft horses. Farm animals are in fine condition and health.

SHELBY. -The average yield of corn per aere is 34 bushels, which is larger than that of any season since 1880. The quality is much better than the average. The wheat area has been reduced about 20 per cent. from that of last season, and the condition is good. During the favorable weather of the fall wheat and rye made an unusually fine growth. The supply of fat hogs and sheep is not so large as at a corresponding date last season. The number of beef cattle on hand ready for market is about the same as last season. There is an increased interest manifested in the dairy by the farmers of the county. There was a very good crop of grapes, apples and pears. The improvement of the breeds of live stock is meeting with more attention than ever before.

There have been a number of purchases of Clydesdale and Norman draft horses, Short Horn and Hereford Bulls and Cotswold sheep and Berkshire hogs during the season. The drain tile has proven an unqnalified success and the area of drain tiled lands is rapidly increasing. Farm animals are in fine condition and health.

STARK—The quality of the present crop of corn has seldom been excelled when taken as a whole; the average yield per acre is about 38 bushels. The area of winter wheat and rye is about the same as last season, and the condition of both crops is very good. The supply of marketable fat hogs, sheep and beef cattle is about the same as at a corresponding date last season. The dairy interests of the county are in a prosperous condition. Considerable attention is paid to the production of the various grass seeds. There were no peaches or pears and but few apples and grapes. The improvement in the breeds of cattle, horses and hogs has been gradual and can be seen throughout the county. Large quantities of tile has been laid, with favorable results. The condition and health of farm animals is good.

ST. CLAIR.—The yield of corn per acre is 42 bushels which is a little less than the average for last year. The quality is nearly up to the average. The area of winter wheat and rye is about 5 per cent. less than that of last season. The condition is splendid. The weather having been favorable both crops have made strong growth and cover the ground well. There is an increase in the number of fat hogs, sheep and beef cattle on hand ready for market over that of corresponding date last season. The interest manifested in the dairy is rapidly increasing. The business proving remunerative. In no county in the State is the improvement of live stock more preceptable than this. Horses, cattle, sheep and hogs all show much care in breeding. There was a partial crop of grapes, apples and pears. Tile is being used on low wet lands with cosiderable success and the tile drained area of the county is rapidly increasing. With the exception of cholera among hogs farm animals are healthy and their condition is good.

STEPHENSON.—The yield of corn per acre is full 20 per cent. less than that of last season, and the quality is below the average. There is but a limited area of winter wheat sown in this county. The condition is fair. The same may be said of winter rye. The supply of fat hogs, sheep and beef cattle on hand ready for market is larger than that at a corresponding date last season. The dairy interest of the county is in a flourishing condition. There was a partial crop of grapes and apples. No peaches or pears. Much attention is paid to the improvement of the breed of farm animals. Farmers are doing more fall plowing than usual and find that it is almost a certain preventative of chinch bugs and other insects that prey upon the corn. The health and condition of live stock is very good.

TAZWELL.—The yield of corn per acre is larger than that of last season and the quality is very good. There is very little winter wheat or rye sown in this county. The supply of fat hogs and beef cattle on hand ready for market is about 25 per cent. less than at a corresponding date last season. There is an increased interest manifested in the dairy. There was a partial crop of grapes, apples and pears. There is a large amount of drain tile laid every year in this county. More probably this year than ever before in one season. Farmers are taking great pains to improve the breeds of their domestic animals, especially horses and cattle. The cholera has killed off large numbers of hogs, other animals are in fine condition and health.

UNION—The quality of the corn is very good; the yield per acre is about the same as last season. Winter wheat is looking well and the area seeded is somewhat larger than that of last season. The same may be said of winter rye. The supply of marketable fat hogs, sheep and beef cattle on hand is larger than at a corresponding date last season. The fruit crop generally very much larger than that of last season. Very little attention is paid to the improvement of the breeds of live stock. The importance of proper drainage is fully appreciated by our farmers, and such as have the means are beginning to tile their low, wet lands. Farm stock is healthy and in good condition.

VERMILION—The average yield per acre of corn is 37 bushels which exceeds that of any season since that of 1880; the quality is not good; much of the corn is affected by dry rot. The area of winter wheat sown is larger than that of last season; the condition is better than usual for Dec. 1st. There is a general shrinkage in the supply of fat hogs and beef cattle on hand ready for market, when compared with a corresponding date last season. There is a fair increase in all the products of the dairy. Farmers are paying more attention to the production of grass seed than ever before. The interest manifested in the improved breeds of all kinds of live stock is unabating, and there have been several fine specimens of Clydesdale, Norman and English Shire horses and Short Horn and Hereford bulls brought into the county during the past season. There was a vast amount of drain tile laid during the fall. The condition and health of farm animals is good.

WABASH—The average yield of corn per acre is 31 bushels which is the largerst average since 1879; the quality is not as good as usual. Winter wheat has made a strong, healthy growth and goes into winter quarters in fine condition; the area has been greatly reduced from that of last season owing to the excessive rains during the seeding season. The supply of fat hogs and beef cattle on hand ready for market is fully fifteen per cent. less than at a corresponding date last season. With the exception of peaches, the fruit crop was very fair. Little or no attention is paid to the dairy. The improvement in the breeds of live stock has been slow, but is meeting with more attention each succeeding year. There has been some drain tile laid in the county with very favorable results. Farm animals are in fine condition and free from disease.

WARREN—The average yield of corn per acre is 46 bushels, the largest yield per acre in ten years; there is some soft corn but the quality generally is very good. There is but little winter wheat or rye raised in this county. The number of fat hogs on hand ready for market is one-third less than at a corresponding date last season. The supply of beef cattle is about the same as on Dec-

1st, 1884. The dairy interest of the county is in a prosperous condition. There was a partial crop of grapes, apples and pears; no peaches. The tiled drained area is being rapidly extended. Farmers are seeding their lands to meadow and pasture and are turning their attention to stock raising. The live stock of this county will compare favorably with almost any in the State; draft horses are very extensively bred; the Clydesdale, Norman, Percheron and English Shire can all be found in the county. Farm stock are in fine condition and health.

WASHINGTON—The average yield per acre of corn is 24 bushels, and the quality about up to the average. The area seeded to wheat and rye is less than that of last season; the condition is very good. The supply of fat hogs, sheep and beef cattle on hand ready for market is about the same as last season at a corresponding date. There is considerable interest manifested in the dairy. There was a fair crop of grapes, apples and pears, but no peaches. Considerable attention is being paid to the production of grass seed. The improvement in the breeds of live stock is meeting with more attention than usual.

WAYNE—The average yield of corn per acre is 25 bushels, which is larger than the average of the pastten years; the quality was a little affected by tne chinch bug and drouth. The wheat area is about one fourth less than that of last season; the condition of the wheat is better than usual for Dec. 1. The supply of fat hogs and sheep on hand ready for market is greater and the number of beef cattle less than at a corresponding date last season. Very little attention is paid to the dairy. There was a fair fruit crop with the exception peaches. Farmers are giving more attention to the improvement of the breeds of live stock. There has been some tile laid during the season. Farm animals are healthy.

WHITE—The average yield of corn per acre is 36 bushels, which exceeds that of any yield since 1879; the quantity is better than for years past. The wheat area is less by 25 per cent than that of last season; that sown early looks very well, whilst the late wheat is thin on the ground, and has not done well. The same may be said of rye. The supply of fat hogs on hand ready for market is 30 per cent. less than that of a corresponding date last season. The dairy is commanding more attention each succeeding year. There was a large crop of grapes, apples and pears and a few peaches. More attention is being paid to the improved breeds of live stock than ever before. Farm animals are in fine condition and health.

WHITESIDE—The quality of corn is good, but the yield is less than the average for the past ten years. Little or no winter wheat is raised in the county. The area of winter rye is about the same as last year; the stand is good. The supply of fat hogs and sheep on hand ready for market is about as large as that of last season at a corresponding date. The number of beef cattle on hand has diminished fully 50 per cent. when compared with December 1st, 1884. The dairy interest of the county is in a prosperous condition. There was a few grapes, apples and pears. Considerable attention is paid to the improved breeds of farm animals, especially horses and cattle. There has been more tile drain laid during this season than ever before in one year. Farm animals are in fine condition and health.

WILL—The yield of corn per acre will not exceed 25 bushels, which is less than the average yield of the past nine years; the quality is very inferior. There is very little winter wheat or rye raised in this county. The supply of fat hogs and beef cattle on hand ready for market is 20 per cent less than at a corresponding date last season. There is considerable interest manifested in the dairy. There was a partial crop of grapes, apples and pears. Farmers are turning their attention to the improved breeds of all kinds of live stock especially horses. The prize winning stable of trotters exhibited at the National Horse Show of 1885 was owned and bred in this county. The Clydesdale, Norman, Percheron and Cleveland bay are all bred in the county. There was a larger amount of drain tile laid this fall than ever before. The results from this system of drainage is very encouraging. Farm animals are in fine condition and health.

WILLIAMSON—The yield of corn per acre is about the same as last season and the quality is about the average. Winter wheat has made a good growth during the favorable weather of the past two months. The area is about as large as that of last season. There is an increase in the supply of fat hogs, sheep and beef cattle of the county as compared with that of a corresponding date last season. There was a very fair crop of grapes, apples and pears, but few peaches. The scarcity of money has kept the farmers from tiling their low lands. The improvement of the breed of all kinds of live stock is meeting with more attention each succeeding year; there have been several recent importations of Clydesdale and Norman horses, Short Horn and Jersey cattle and Berkshire hogs. Farmers are increasing the area of their clover pastures. The health and condition of farm animals is good.

WOODFORD—The average yield of corn per acre is 28 bushels, which is 20 per cent less than the average for last season; the quality is not quite up to the average. The area of winter wheat seeded in this county is very small; the same may be said of rye. The supply of fat hogs on hand ready for market is considerably less than at a corresponding date last season. The number of beef cattle on hand is about the same as on Dec. 1, 1884. There were but few apples and grapes, other fruits, a failure. The improvement of the breeds of draft horses and beef cattle is meeting with considerable attention from the better class of farmers of the county. There has been a vast amount of tile laid in some portions of the county with very favorable results. Farm animals are in good condition and health.

WINNEBAGO—The quality of the present corn crop is far below the average; much of it is loose on the cob and affected by "dry rot"; the average yield will not exceed 28 bushels per acre. The limited area devoted to winter wheat and rye in this county is hardly worthy of mention. There is an increase in the supply of fat hogs and sheep and beef cattle over that of a corresponding date last season. The fruit crop was but little better than a failure; but few grapes and apples; no peaches or pairs. The dairy interest of the county is in a very prosperous condition. There is a great improvement in the breeds of all kinds of farm stock when compared with that of a few years ago. Farm animals are in good condition and health.

PRICES OF CROPS DECEMBER 1, 1885.

COUNTIES.	Corn per bushel	Winter Wheat per bushel	Spring Wheat per bushel	Oats per bushel	Rye per bushel	Barley per bushel	Buckwheat per bu.	White Beans per bu.	Castor Beans per bu.	Irish Potatoes per bushel	Sweet Potatoes per bushel	Winter Apples per bushel	Flax Seed per bushel	Timothy Seed per bushel	Clover Seed per bu.	Hungarian and Millet Seed per bushel
	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$
Adams	27	87	....	22	50	....	50	1 40	....	55	1 27	93	....	1 65	5 20	....
Alexander	35	85	...	35	75	....	....	90	....	45	30	50	...	1 40	6 00	....
Bond	26	85	....	23	....	....	...	1 25	2 50	32	53	30	....	1 85	5 00	60
Boone	26	70	70	25	53	30	50	1 30	....	45	...	1 00	1 00	1 45	5 00	...
Brown	27	85	...	25	50	..	....	2 50	....	57	1 25	50	....	2 00	5 40	...
Bureau	31	83	76	25	51	43	1 00	1 25	....	46	1 00	1 00	...	1 50	4 90	1 00
Calhoun	23	85	85	22	50	....	75	1 40	....	35	40	40	....	1 85	4 70	75
Carroll	27	74	65	22	54	35	60	1 25	....	57	...	1 00	....	1 50	6 00	...
Cass	28	84	...	24	50	....	...	...	..	45	80	85	..		...	....
Champaign	26	85	....	23	52	....	80	2 00	....	30	1 00	82	1 22	1 75	6 00	90
Christian	25	79	68	21	44	...	...	..	...	34	70	32	....	1 50	4 85	30
Clark	25	83	...	22	48	....	45	1 40	..	37	58	50	1 75	1 55	4 60	....
Clay	27	88	...	22	75	...	85	1 25	.	28	76	50	....	1 50	4 25	....
Clinton	26	90	....	25	....	....	....	..	1 75	40	65	35	....	1 40	4 50	....
Coles	25	85	.	23	52	..	....	1 70	....	47	77	47	....	1 65	5 35	85
Cook	40	89	86	28	60	42	...	1 70	....	43	....	50	1 13	1 55	5 35	60
Crawford	25	89	....	21	60	....	49	1 55	1 50	35	80	42	70	1 60	4 40	75
Cumberland	25	82	....	22	55	...	54	1 40	....	37	65	46	1 00	1 70	5 30	...
DeKalb	39	88	85	25	54	40	..	1 20	....	42	....	75	1 10	1 50	5 00	. .
DeWitt	26	85	....	24	51	56	.	2 00	....	50	1 00	1 00	....	1 60	4 25	60
Douglas	25	75	....	22	50	....	60	1 30	...	50	75	50	1 00	1 20	4 50	40
DuPage	32	...	....	26	...	....	55	...	...	40	....	75	1 10	1 50	5 50	....
Edgar	25	65	....	20	50	....	75	....	....	25	...	50	....	1 50	5 50	....
Edwards	30	83	....	22	....	....	....	2 25	....	40	90	35	....	....	5 00	....
Effingham	25	91	....	22	51	....	77	1 25	....	30	70	47	....	1 85	5 00	30
Fayette	25	89	....	21	41	60	70	1 55	2 00	60	70	54	60	1 95	4 00	1 00
Ford	26	....	....	20	50	....	75	....	....	60	....	1 00	...	1 50	...	...
Franklin	30	84	..	23	....	....	....	....	1 40	30	43	45	...	2 00	4 75	....
Fulton	28	81	72	25	50	....	....	....	....	59	1 00	1 05	....	1 45	5 60	...
Gallatin	25	80	..	25	....	....	...	1 50	....	40	75	40		..	4 00	....
Greene	25	85	70	20	60	60	50	2 50	....	65	1 00	40	....	2 25	5 50	....
Grundy	27	...	...	24	52	...	75	....	...	63	....	1 00	1 00	1 40	....	25
Hamilton	26	80	..	22	50	....	60	...	....	25	40	50	..	....	5 00	50
Hancock	28	85	77	25	50	..	50	1 50	..	48	...	92	...	1 35	6 00	....
Hardin	32	87	....	22	....	....	..	1 95	....	33	75	53	..	..	4 00	...
Henderson	23	87	80	23	46	....	90	...	...	52	1 00	1 00	..	1 35	5 00	....
Henry	26	....	74	25	54	55	75	2 00	2 00	47	1 00	91	..	1 75	5 75	....
Iroquois	26	80	....	23	51	....	75	2 00	....	57	1 00	1 00	1 05	1 75	6 00	40
Jackson	40	86	....	30	....	....	....	1 75	1 60	35	45	40	1 00	1 70	4 75	....
Jasper	25	85	....	22	60	...	30	1 35	....	30	50	50	90	1 25	5 50	60
Jefferson	29	86	....	23	67	75	77	1 40	1 40	32	50	41	1 90	1 75	5 00	85
Jersey	25	82	....	21	....	....	60	1 50	1 60	37	62	40	....	1 40	5 00	....
JoDaviess	32	80	75	24	60	.	....	1 60	....	47	....	1 00	....	1 60	5 00	....
Johnson	30	83	....	25	....	....	....	1 25	....	35	28	31	....		4 90	....
Kane	36	82	77	26	56	50	75	1 50	....	50	....	96	1 05	1 65	5 50	65
Kankakee	30	85	..	23	52	....	60	....	..	55	....	1 00	....	1 75	5 00	...
Kendall	35	90	80	25	52	....	67	2 50	....	50	..	80	....	1 55	4 90	40
Knox	30	84	76	27	56	70	1 00	1 65	....	55	1 05	1 00	1 00	1 80	5 50	1 00
Lake	34	72	82	30	53	56	60	1 20	....	52	....	80	1 15	1 50	5 25	60
LaSalle	31	80	75	24	53	....	1 00	1 50	...	52	1 00	90	1 25	1 55	5 25	...
Lawrence	25	85	...	30	60	...	50	1 50	....	40	75	40	...	2 00	4 85	....
Lee	30	82	75	25	56	56	75	1 10	....	50	1 00	1 00	1 25	1 25	5 00	....

PRICES OF CROPS DECEMBER 1, 1885—Continued.

COUNTIES.	Corn per bushel	Winter Wheat per bushel	Spring Wheat per bushel	Oats per bushel	Rye per bushel	Barley per bushel	Buckwheat per bu.	White Beans per bu.	Castor Beans per bu.	Irish Potatoes per bushel	Sweet Potatoes per bushel	Winter Apples per bushel	Flax Seed per bushel	Timothy Seed per bushel	Clover Seed per bu.	Hungarian and Millet Seed per bu.
	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$
Livingston	28	72	....	25	50	....	75	1 75	....	61	....	90	75	1 50	4 50	1 00
Logan	27	80	70	23	60	....	....	2 00	....	47	....	1 00	1 00	2 00	7 00	....
Macon	26	82	....	24	55	....	....	....	....	40	1 00	83	....	1 50	5 00	...
Macoupin	25	84	70	22	41	....	70	1 75	..	37	65	42	.	1 30	4 70	40
Madison	25	90	....	24	57	60	64	1 65	1 40	35	95	40	1 00	1 85	4 85	60
Marion	32	....	....	24	....	....	....	1 00	....	50	50	40	.. .	1 20	....	....
Marshall	30	....	85	28	52	....	....	1 60	....	50	....	1 00	....	1 60	5 60	...
Mason	29	71	70	23	46	....	....	1 50	....	50	1 00	1 00	....	1 90	5 35	50
Massac	30	86	....	30	65	...	...	1 45	....	32	35	40	50	1 25	4 85	....
McDonough	28	83	73	26	48	....	68	1 65	....	57	1 08	1 00	1 10	1 65	6 00	75
McHenry	40	86	83	27	50	50	55	1 50	....	47	....	85	1 05	1 55	5 20	....
McLean	27	85	....	25	....	....	...	....	....	55	1 00	93	....	1 75	....	....
Menard	25	77	....	22	50	...	....	1 80	....	47	60	88	....	1 75	5 00	50
Mercer	29	87	67	25	50	....	....	....	....	40	90	82	....	1 95	4 75	....
Monroe	25	87	....	25	60	62	....	1 50	1 75	30	55	50	....	2 10	2 00	....
Montgomery	24	85	....	24	50	....	53	90	...	32	69	45	...	1 50	5 00	50
Morgan	25	85	75	22	49	....	....	....	....	44	1 00	70	....	2 20	5 50	60
Moultrie	26	85	....	22	50	....	....	1 60	....	41	85	50	....	1 50	5 25	45
Ogle	32	....	60	26	45	...	80	1 50	....	47	....	75	....	1 40	5 00	....
Peoria	31	92	79	30	57	60	1 00	2 00	...	64	1 20	1 00	....	1 80	5 5	75
Perry	31	88	....	22	50	....	50	....	1 55	29	42	42	1 00	1 60	5 80	1 00
Piatt	28	....	....	25	..	....	....	....	....	40	. ..	90	...	2 00	....	..
Pike	25	83	...	22	50	...	...	.. .	....	40	..	43	....	1 60	5 00	....
Pope	30	85	70	30	60	70	80	1 50	3 00	30	20	30	90	1 50	6 00	...
Pulaski	32	85	....	36	..	....	....	1 70	....	35	27	57	....	2 00	4 60	95
Putnam	32	78	74	25	54	....	....	....	....	43	1 25	1 00	....	2 15	6 25	50
Randolph	30	90	....	23	60	....	...	..	1 60	27	55	40	....	2 25	4 60	40
Richland	30	85	....	26	50	....	45	1 00	....	35	60	40	55	1 60	4 50	50
Rock Island	31	....	....	25	50	....	....	...	....	45	..	92	...	....	.	....
Saline	32	90	....	22	80	....	....	1 50	1 50	32	50	50	....	2 25	4 50	....
Sangamon	26	83	....	24	47	....	....	1 50	....	45	91	70	....	1 50	6 00	....
Schuyler	30	85	....	23	....	....	60	1 25	...	60	...	75	...	1 40	5 25	....
Scott	23	86	...	20	45	....	....	..	....	41	87	60	....	2 00	6 00	...
Shelby	25	86	....	22	60	70	57	1 40	....	41	85	52	...	1 75	5 00	80
Stark	30	90	80	28	56	60	1 00	1 75	...	52	1 00	100	3 00	2 50	4 00	1 00
St. Clair	25	90	....	22	60	60	75		..	30	70	40		1 50	4 50	...
Stephenson	28	75	72	23	53	32	62	1 40	....	48	75	79	1 00	1 50	5 50	....
Tazewell	28	81	80	27	55	60	80	....	....	51	87	1 00	....	2 00	5 50	....
Union	35	88	..	30	80	..	....		...	40	30	30	....	....	4 80	....
Vermilion	25	78	....	21	45	....	....	1 50	....	33	1 05	81	....	1 75	5 25	....
Wabash	28	88		21	...	....	...	1 60	....	43	67	47	....	1 35	5 00	....
Warren	31	79	70	27	48	...	40	2 00	...	52	1 40	82	..	1 95	5 25	....
Washington	33	90	....	22	70	50	65	65	1 65	32	45	48	1 25	1 75	5 00	75
Wayne	28	85	....	22	1 00	...	60	1 65	1 50	28	67	55	...	1 75	5 00	....
White	28	86	...	22	75	....	1 00	1 50	1 50	31	54	45	....	1 75	5 00	...
Whitesides	31	85	....	30	55	....	87	1 75	....	45	1 00	75	....	1 75	6 25	....
Will	35	87	82	27	68	62	77	1 90	....	49	....	88	1 15	1 55	5 10	75
Williamson	31	82	....	25	75	....	....	1 50	1 45	30	39	35	....	1 75	4 85	....
Winnebago	37	81	78	26	57	40	75	1 25	....	58	....	80	....	1 55	5 00	....
Woodford	....	...	....	....	....	....	....	....	...	....	....	...	....	....	...	....
Average	29	83	75	24	55	54	68	1 55	1 70	48	76	67	1 06	1 65	5 10	70

PRICE OF CROPS, DECEMBER 1, 1885—Continued.

COUNTIES.	Peaches per bushel in their season	Pears per bushel in their season	Grapes per pound in their season	Clover hay per ton	Timothy hay per ton	Prairie hay per ton	Hungarian and millet per ton	Broom corn per ton	Leaf tobacco per pound	Native wine per gallon	Sorghum molasses per gallon	Wool per pound	Milch cows per head	Butter per pound	Cheese per pound	Milk per gallon	Cream per gallon
	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$
Adams	...		0 03	5 50	7 65	.....	.....	....	....	....	0 50	0 20	37	0 16	....	....	....
Alexander	0 75	1 00	05	12 00	12 00	.....	10 00	....	....	....	30	30	25	15	....	0 20	0 40
Bond	...	1 00	03	4 50	6 00	.....	6 00	....	...	0 75	37	19	37	12	....	10	...
Boone	....	..	....	5 50	8 00	6 00	.....	100	....	....	...	24	36	25	0 07	13	. .
Brown	...	1 50	03	4 50	6 50	.....	.....	....	....	....	75	19	42	12	15	..	....
Bureau	...	....	05	5 20	6 80	5 10	3 00	....	...	....	50	16	33	18	12	....	....
Calhoun	....	50	04	5 70	8 70	4 00	6 00	....	....	50	45	20	32	15	....	20	...
Carroll	....	.	07	6 75	9 00	8 00	.....	....	...	....	60	20	30	17	14	....	27
Cass	....	....	04	7 00	8 00	5 00	6 00	....	....	1 00	48	....	41	14	.	20	...
Champaign	...	1 00	07	7 50	6 50	5 00	4 50	105	0 10	....	50	17	40	13	15	20	80
Christian	....	2 00	04	4 25	5 75	...	.....	....	.. .	1 00	41	21	41	14	15	20	....
Clark	1 00	1 50	04	4 35	4 85	.. .	.....	75	10	2 00	32	33	33	08	09	10	35
Clay	....	75	03	4 50	5 00	4 00	.....	....	10	30	35	19	26	11	....	17	30
Clinton	..	80	03	8 00	10 00	.....	6 00	....	....	1 00	40	....	40	15	09	11	....
Coles	1 00	...	08	4 00	6 00	.....	4 00	77	37	....	42	26	33	18	10	14	...
Cook	....	1 50	04	9 50	10 60	7 00	8 00	240	10	75	....	....	37	22	09	15	75
Crawford	...	1 00	03	4 35	5 00	.....	3 25	....	06	....	36	22	36	10	08	07	....
Cumberland	....	3 00	04	5 30	7 25	.....	.....	100	17	1 00	39	22	30	12	11	....	....
DeKalb	....	....	06	5 65	7 00	5 35	.....	....	....	....	....	17	35	20	09	....	....
DeWitt	1 00	1 00	06	4 50	6 00	4 00	2 75	....	....	....	50	..	28	15	10	17	30
Douglas	....	..	05	4 00	6 00	.....	.....	120	....	....	40	22	30	12	08	10	.....
DuPage	....	....	....	8 00	10 00	7 00	.....	..	....	....	. ..	....	40	25	....	12	....
Edgar	..	....	....	.....	4 00	.....	.....	80	....	....	50	16	35	10	....	....	....
Edwards	...	...	02	6 00	10 00	8 00	.....	....	....	....	50	18	30	15	09	16	75
Effingham	....	2 00	05	4 35	5 65	3 00	3 00	....	10	....	38	21	27	15	10	....	....
Fayette	....	2 00	04	5 00	5 80	4 00	4 00	....	07	1 00	37	25	30	12	12	15	90
Ford	....	....	...	5 00	7 00	5 00	....	....	....	....	....	....	35	17	12	....	....
Franklin	...	75	03	7 25	8 75	.....	.....	....	05	....	41	27	31	16	15	20	...
Fulton	3 00	.	05	5 00	7 00	.....	.....	...	....	..	48	20	30	14	14	15	50
Gallatin	75	1 00	05	5 00	10 00	.....	.....	....	....	....	40	40	25	15	.	....	....
Greene	. ..	2 00	03	6 00	8 00	....	5 00	....	....	3 00	50	20	40	20	16	25	60
Grundy	.	..	06	6 25	7 65	5 65	.....	....	....	....	40	....	32	19	13	. ..	....
Hamilton	...	1 00	06	6 00	.. .	....	5 30	....	05	....	35	....	30	15	....	....	....
Hancock	....	2 00	06	6 00	7 25	6 00	.....	....	....	..	43	20	32	16	08	....	30
Hardin	50	60	....	4 00	9 65	.....	.....	...	10	1 50	37	25	22	17	20	15	40
Henderson	....	..	03	4 00	5 50	3 00	2 00	....	35	....	50	22	32	20	15	20	40
Henry	...	...	04	5 50	6 65	4 70	5 00	....	....	....	....	18	33	17	14	11	40
Iroquois	....	....	....	6 00	7 15	4 35	5 25	...	25	...	47	....	30	17	09	08	30
Jackson	75	1 10	03	9 00	11 00	....	....	.	10	...	45	..	25	17	....	20	....
Jasper	...	40	05	8 00	6 00	5 00	6 00	100	10	1 20	32	22	29	11	10	07	40
Jefferson	1 50	95	06	8 50	7 00	6 00	6 00	75	05	1 25	38	22	36	16	11	20	35
Jersey	....	1 00	04	4 50	6 00	.....	.....	....	....	1 50	45	20	40	15	13	15	40
Jo Daviess		..	04	6 50	9 00	.....	....	....	....	75	50	16	35	18	...	....	....
Johnson	50	1 00	05	6 35	8 00	....	...	100	10	30	30	31	23	15	12	..	....
Kane	..	...	05	7 75	9 00	6 25	6 00	....	....	....	80	25	36	28	08	12	50
Kankakee	..	....	06	6 50	8 50	5 00	.....	....	....	....	55	....	30	17	12	....	....
Kendall	....	....	05	5 75	7 75	6 50	.....	....	....	....	50	21	33	19	10	09	...
Knox	.	...	05	65 0	8 00	6 00	8 00	85	....	1 50	50	20	33	18	12	20	32
Lake	1 50	....	04	8 35	10 35	8 35	7 00	160	...	....	52	27	38	24	08		...
LaSalle	....	....	05	8 00	8 60	6 60	....	....	....	....	50	23	44	19	09	30	75
Lawrence	..	...	04	2 00	5 00	4 00	. ...	....	....	...	50	22	30	15	12	....	....
Lee	....	....	....	6 00	8 00	6 50	.....	....	....	....	60	15	30	22	13	20	45

PRICES OF CROPS, DECEMBER 1, 1885—Continued.

COMNTIES.	Peaches per bushel in their season	Pears per bushel in their season	Grapes per pound in their season	Clover hay per ton	Timothy hay per ton	Prairie hay per ton	Hungarian and millet per ton	Broom corn per ton	Leaf tobacco per pound	Native wine per gallon	Sorghum molasses per gallon	Wool per pound	Milch cows per head	Butter per pound	Cheese per pound	Milk per gallon	Cream per gallon
	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$
Livingston	..	...	....	6 00	7 25	5 25	4 00	140	....	....	0 45	0 19	39	0 17	0 10	0 13	0 35
Logan	1 00	1 00	0 05	.. .	7 75	.....	.....	...	....	....	50	18	42	20	15	....	....
Macon	....	...	06	6 00	7 00	.....	.....	....	....	....	50	18	42	17	12	15	80
Macoupin	....	1 25	03	3 75	5 60	3 00	3 00	....	....	0 80	35	18	37	12	11	16	28
Madison	....	1 00	03	6 80	8 60	7 00	7 50	...	....	60	55	19	37	22	10	15	70
Marion	...	1 00	05	.. .	7 00	.....	.....	....	....	75	35	....	25	15	..	20	50
Marshall	....	....	06	3 00	6 00	.....	.....	....	....	...	50	.	35	18	15	..	...
Mason	....	....	04	5 50	7 50	5 00	6 00	....	..	75	45	20	39	17	15	25	80
Massac	40	90	04	8 65	11 35	.....	10 00	....	06	...	30	32	25	18	....	25	....
McDonough	2 00	2 00	06	4 65	6 65	4 00	4 00	....	....	1 50	40	24	35	15	12	14	....
McHenry	....	...	04	7 65	8 85	5 50	.....	...	....	...	45	25	40	26	08	14	50
McLean	....	....	05	5 00	6 25	.....	... .	.. .	..	....	.	20	43	18	..	20	....
Menard	....	....	04	4 75	5 65	.....	5 00	...	..	...	45	22	39	13	10	25	....
Mercer	....	....	....	6 50	6 25	5 50	... .	70	....	....	48	16	40	19	15	..	35
Monroe	65	75	04	5 00	9 50	.....	7 50	60	....	1 10	35	21	32	17	12	20	35
Montgomery	....	1 25	03	5 00	6 25	.....	5 00	70	....	....	37	20	34	14	15	13	28
Morgan	....	1 00	04	5 00	6 00	.....	.....	....	....	1 00	47	20	45	18	12	20	40
Moultrie	....	1 75	04	4 00	5 25	3 00	5 00	75	....	...	42	19	39	11	14	25	....
Ogle	....	....	10	3 75	6 00	4 00	... .	...	...	....	60	30	30	20	12	20	40
Peoria	....	....	....	6 50	8 50	8 00	5 00	....	....	.	47	17	41	19	11	..	....
Perry	1 00	60	05	5 35	7 25	.....	5 50	....	....	1 00	37	27	29	15	14	14	.. .
Piatt	....	....	....	....	6 00	.....	... .	....	....	....	....	20	40	18	....	...	....
Pike	....	....	....	5 00	6 35	...	....	....	....	....	....	22	38	13	...	..	....
Pope	60	50	05	9 00	15 00	12 00	7 00	....	10	70	30	20	30	25	20	15	25
Pulaski	75	1 50	04	6 00	10 00	....	....	....	....	2 00	30	22	32	22	...	25	75
Putnam	2 00	2 00	05	5 00	7 65	6 50	6 00	...	....	....	53	18	37	20	11	....	....
Randolph	50	60	04	6 50	8 00	....	5 50	....	....	....	37	20	30	20	10	09	20
Richland	....	...	02	6 50	7 00	...	.....	....	....	....	37	17	30	12	11	13	10
Rock Island	....	....	03	9 00	11 25	10 50	.....	....	....	1 25	....	17	36	21	11	16	60
Saline	50	1 00	05	10 00	10 00	....	.....	....	04	....	35	25	26	15	15	20	25
Sangamon	....	....	01	5 85	7 35	5 00	.....	....	....	....	60	20	45	20	10	30	....
Schuyler	....	....	05	4 00	4 25	.....	. .	....	....	....	40	22	30	15	....	....	30
Scott	....	2 00	03	5 50	7 00	.....	....	....	....	....	40	19	46	14	...	20	....
Shelby	....	2 00	03	5 00	7 25	.....	4 65	120	09	1 00	43	21	36	14	13	20	50
Stark	....	..	04	6 00	7 30	8 00	8 00	....	....	....	50	19	41	17	12	28	1 00
St. Clair	...	1 00	03	6 00	9 00	.....	.....	...	....	....	....	....	30	20	....	....	....
Stephenson	....	....	08	6 00	8 00	7 00	....	....	....	....	50	21	36	19	09	40	....
Tazewell	2 00	1 50	06	5 50	7 25	4 00	.....	....	....	50	47	16	45	21	13	25	...
Union	1 00	1 00	...	10 00	12 00	....	.....	60	....	....	40	30	40	25	...	....	...
Vermilion	1 00	1 00	...	5 00	6 00	.....	.....	....	....	....	50	20	43	17	12	....	...
Wabash	....	1 35	04	4 35	7 35	.....	.....	....	10	...	47	20	32	15	12	20	....
Warren	3 00	....	07	5 25	6 75	4 50	.....	....	....	...	47	23	33	20	12	15	55
Washington	....	90	03	6 00	7 00	.....	5 50	....	10	90	40	31	30	14	15	20	....
Wayne	....	1 00	03	4 65	6 35	.....	.....	....	06	1 60	40	20	25	11	12	....	....
White	1 00	1 00	03	7 50	9 50	.....	.....	....	05	2 00	36	23	27	15	15	....	....
Whiteside	....	....	06	4 00	6 00	3 50	.....	....	....	....	25	....	30	19	12	14	18
Will	....	1 80	06	7 00	8 50	6 50	7 50	....	13	1 00	40	29	35	19	10	15	55
Williamson	1 00	1 00	05	7 10	9 00	.....	.....	....	05	....	41	30	28	18	..	....	.
Winnebago	....	....	07	6 35	8 65	8 00	....	....	....	....	47	30	40	20	14	17	....
Woodford	....	....	....	.....	.....	.....	.....	....	....	....	....	....	....	....	....	....	....
Average	1 15	1 20	0 04	5 95	7 60	5 70	5 55	97	0 11	1 10	0 44	0 22	0 34	0 17	0 12	0 17	0 46

CORN.

COUNTIES.	Acreage 1885, returned by Assessors	Average yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Adams	90,761	32	2,904,352	$.27	$ 784,175	$11 75	$ 1,066,442	$	$ 282,267
Alexander	8,845	46	406,870	.35	142,404	11 90	105,255	37,149	
Bond	52,874	22	1,163,228	.26	302,439	10 40	549,890		247,451
Boone	33,689	27	909,603	.26	236,497	12 05	405,952		169,455
Brown	31,652	37	1,171,124	.27	316,203	10 25	324,433		8,230
Bureau	145,066	34	4,932,244	.31	1,528,996	11 25	1,631,992		102,996
Calhoun	22,173	38	842 574	.23	193,792	13 35	296,009		102,217
Carroll	64,097	30	1,922,910	.27	519,186	11 30	724,296		205,110
Cass	47,342	32	1,514,944	.28	424,184	9 85	466,319		42,135
Champaign	212,151	42	8,910,342	.26	2,316,689	10 90	2 312,446	4,243	
Christian	144,320	32	4,618,240	.25	1,154,560	9 30	1,342,176		187,616
Clark	40,775	26	1,060,150	.25	265,037	9 60	391,440		126,403
Clay	30,014	20	600,280	.27	162,076	10 40	312,146		150.070
Clinton	63,995	20	1,279,900	.26	332,774	10 20	652,749		319,975
Coles	44,873	32	1,435.936	.25	358,984	10 00	448,730		89,746
Cook	44,728	26	1,162,928	.40	465,171	10 05	449.516	15,655	
Crawford	33,151	27	895,077	.25	223,769	9 55	316,592		92,823
Cumberland	24,030	27	648.810	.25	162,202	8 15	195,844		33,642
DeKalb	107,823	28	3,019,044	.39	1,177,427	10 80	1,164,488	12,939	
DeWitt	93,617	31	2,902,127	.26	754,553	8 45	791,064		36 511
Douglas	62,075	40	2,483,000	.25	620,750	10 45	648,684		27,934
DuPage	33,064	37	1,223,368	.32	391,478	13 05	431,485		40,007
Edgar	102,456	35	3,585,960	.25	896,490	8 55	875,999	20,491	
Edwards	15,631	25	390,775	.30	117,232	9 00	140,679		23,447
Effingham	46,051	27	1,243,377	.25	310,844	11 30	520,376		209,532
Fayette	55,469	24	1,331,256	.25	332,814	10 10	560,237		227,423
Ford	103,812	28	2,906,736	.26	755,751	9 35	970,642		214,891
Franklin	10,665	27	287.955	.30	86,386	8 35	89,053		2,667
Fulton	102,536	34	3,486,224	.28	976,143	10 55	1,081,755		105,612
Gallatin	47,801	25	1,195,025	.25	298,756	10 80	516,251		217,495
Greene	72,269	40	2,890,760	.25	722,690	13 45	972,018		249,328
Grundy	80,875	29	2,345 375	.27	633,251	9 90	800,662		167,411
Hamilton	31,076	33	1,025.508	.26	266,632	8 50	264,146	2,486	
Hancock	93,754	30	2,812,620	.28	787,534	9 45	885,975		98,441
Hardin	10,133	28	283,724	.32	90,792	9 65	97,783		6,991
Henderson	58,705	32	1,878,560	.23	432,069	9 40	551,827		119,758
Henry	143,491	29	4,161,239	.26	1,081,922	11 80	1,693,194		611,272
Iroquois	206,700	25	5,167,500	.26	1,343,550	8 40	1,736,280		392,730
Jackson	26,966	27	728,082	.40	291,233	13 35	359,996		68,763
Jasper	33,247	28	930,916	.25	232,729	8 80	292,574		59,845
Jefferson	39,606	27	1,069,362	.29	310,115	9 65	382,198		72,083
Jersey	33,922	35	1,187,270	.25	296,817	11 90	403,672		106.855
JoDaviess	53,952	45	2,426.940	.32	776,621	12 85	593,026	83,595	
Johnson	19,536	28	547,008	.30	164,102	8 55	167,033		2,931
Kane	57,257	30	1,717.710	.36	618.376	13 60	778,695		160,319
Kankakee	93,604	28	2,620,912	.30	786,274	9 30	870,517		84,243
Kendall	57,872	33	1,909,776	.35	668,422	10 80	625,018	43,404	
Knox	120,741	34	4,105,194	.30	1,231,558	11 70	1,412.670		181,112
Lake	24,082	35	842,870	.34	286,576	13 35	321,495		34,919
LaSalle	194,342	32	6,218,944	.31	1,927,873	11 25	2,186,347		258,474
Lawrence	31,439	30	943,170	.25	235,792	10 65	334,825		99,033

CORN—Continued.

COUNTIES.	Acreage, 1885, returned by Assessors	Average yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Lee	†179,008	22	1,738,176	$.03	$ 521,453	$10 20	$ 805,882	$	$ 284,429
Livingston	233,762	29	6,779,078	.28	1,898,147	10 10	2,360,996		462,849
Logan	167,214	34	5,685,276	.27	1,535 024	9 25	1,546,729		11,705
Macon	140,123	40	5,604,920	.26	1,457,279	10 95	1,534,347		77,068
Macoupin	120,406	35	4,214,210	.25	1,053,552	10 90	1,312,425		258,873
Madison	149,980	32	4,799,360	25	1,199,840	12 50	1,874,750		674,910
Marion	43,089	15	646,335	.32	206,827	8 75	385,646		178,819
Marshall	‡67,575	32	2,162,400	.30	648,720	10 80	729,810		81,090
Mason									
Massac	13,230	23	304,290	30	91,287	14 20	187,866		96,579
McDonough									
McHenry	56,835	49	2,784,915	.40	1,113,966	11 50	653,602	460,364	
McLean	218,215	32	6,982,880	.27	1,885,378	9 50	2,073,042		187,664
Menard	75,375	33	2,487,375	.25	621,844	10 65	802,744		180,900
Mercer	81,531	30	2,445,930	.29	709,320	11 00	896,841		187,521
Monroe	22,352	30	670,560	.25	167,640	13 70	306,222		138,582
Montgomery	129,158	30	3,874,740	.24	929,938	9 10	1,175,338		245,400
Morgan	142,442	38	5,412,796	.25	1,353,199	10 65	1,517,007		163,808
Moultrie	52,860	37	1,955,820	.26	508,513	9 50	502,170	6,343	
Ogle	130,277	35	4,559,695	.32	1,459,102	9 55	1,244,145	214,957	
Peoria	83,525	28	2,338,700	.31	724,997	11 05	922,951		197,954
Perry	16,233	26	422,058	.31	130,838	8 15	132,299		1,461
Piatt	62,700	35	2,194,500	.28	614,460	10 20	639,540		25,080
Pike	84,398	33	2,785,134	.25	696,283	11 90	1,004,336		308,053
Pope	19,887	30	596,610	.30	178,983	10 70	212,791		33,808
Pulaski	12,130	35	424,550	.32	135,856	12 65	153,444		17,588
Putnam	27,349	35	957,215	.32	306,309	10 15	277,592	28,717	
Randolph	28,922	28	809,816	.30	242,945	10 30	297,897		54,952
Richland	23,626	19	448,894	.30	134,668	9 45	223,266		88,598
Rock Island	53,504	31	1,658,624	.31	514,173	12 35	660,774		146,601
Saline	22,910	20	458,200	.32	146,624	8 40	192,444		45,820
Sangamon	153,601	41	6,297,641	.26	1,637,387	11 50	1,766,411		129,024
Schuyler	42,494	25	1,062,350	.30	318,705	10 80	458,935		140,230
Scott	27,895	39	1,087,905	.23	250,218	10 60	295,687		45,469
Shelby	90,919	34	3,091,246	.25	772,811	11 00	1.00,109		227,298
Stark	60,802	38	2,310,476	.30	693,143	10 90	662,742	30,401	
St. Clair	64,411	42	2,705,262	.25	676,315	15 25	982,268		305,953
Stephenson	74,621	30	2,238,630	.28	626,816	10 00	746,210		119,394
Tazewell	109,007	33	3,597,231	.28	1,007,225	9 20	1,002,864	4,361	
Union	13,463	*31	717,353	.35	251,073	*10 55	142,035	109,038	
Vermilion	146,465	37	5,419,205	.25	1,354,801	9 65	1,413,387		58,586
Wabash	18,234	31	565,254	.28	158,271	10 95	199,662		41,391
Warren	102,200	46	4,701,200	.31	1,457,372	13 05	1,333,710	123,662	
Washington	48,475	24	1,163,400	.33	383,922	9 15	443,546		59,624
Wayne	40,329	25	1,008,225	.28	282,303	8 45	340,780		58,477
White	48,499	36	1,745,964	.28	488,870	9 95	482,565	6,305	
Whiteside	100,728	24	2,417,472	.31	749,416	10 25	1,032,462		283,046
Will	116,728	25	2,918,200	.35	1,021,370	10 05	1,173,116		151,746
Williamson	21,984	25	549,600	.31	170,376	9 69	211,046		40,670
Winnebago	69,909	28	1,957,452	.37	724,257	10 05	702,585	21,672	
Woodford	104,192	28	2,917,376	* 29	846,039	10 10	1,052,339		206,300
Total or average	7,212,657	32	230,922,298	$.28	$64,850,545	$10 50	$75 682,246	$1,225,782	$12,057,483

* Estimated
† Six townships not reported.
‡ One township not reported.

WINTER GRAIN.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1885, returned by Assessors	Acreage 1886 compared with 1885	Acreage 1886 crop	Average condition Dec. 1, 1885	Acreage 1885, returned by Assessors	Acreage 1886 compared with 1885	Acreage 1886 crop	Average condition Dec. 1, 1885
Adams	55,566	92	51,121	96	667	90	600	95
Alexander	9,136	110	10,050	100	32	100	32	100
Bond	21,608	67	14,477	105	477	65	310	105
Boone	261	*84	219	*99	1,455	92	1,339	85
Brown	23,734	82	19,462	100	195	100	195	100
Bureau	881	75	661	100	4,263	107	4,561	103
Calhoun	9,267	93	8,618	100	.....	.....	.....	.....
Carroll	1,080	75	810	100	5,664	87	4,928	100
Cass	12,872	97	12,486	105	642	100	642	102
Champaign	15,243	75	11,432	105	1,550	100	1,550	105
Christian	24,261	66	16,012	92	248	75	186	97
Clark	19,142	79	15,122	100	1,173	74	868	100
Clay	18,043	60	10,826	108	315	100	315	100
Clinton	49,327	60	29,596	90	196	110	216	100
Coles	6,994	*84	5,875	97	381	*92	350	*99
Cook	192	*84	161	*99	768	100	768	100
Crawford	28,890	83	23,979	97	656	103	676	94
Cumberland	16,268	82	13,340	90	166	100	166	100
DeKalb	356	97	345	100	1,745	105	1,832	100
DeWitt	2,235	68	1,520	100	772	83	641	100
Douglas	5,183	40	2,073	120	397	100	397	120
DuPage	186	*84	156	*99	2,948	102	3,007	105
Edgar	20,278	125	25,347	100	435	110	478	100
Edwards	19,658	115	22,607	90	25	100	25	95
Effingham	28,970	47	13,616	103	492	90	443	100
Fayette	23,552	66	15,544	100	310	97	301	98
Ford	280	*84	235	99	1,174	70	822	100
Franklin	7,176	97	6,961	100	.....	.....	.....	.....
Fulton	37,424	105	39,295	101	3,494	60	2,096	100
Gallatin	41,348	110	45,483	100	399	*92	367	*99
Greene	15,196	115	17,475	100	391	100	391	100
Grundy	177	*84	149	*99	1,100	100	1,100	105
Hamilton	17,031	85	14,476	100	.....	.....	.....	.....
Hancock	27,425	100	27,425	107	1,323	77	1,019	107
Hardin	7,211	106	7,644	103	36	*92	33	*99
Henderson	4,324	100	4,324	92	4,592	87	3,995	100
Henry	414	*84	348	*99	6,619	82	5,427	100
Iroquois	3,734	*84	3,136	*99	4,683	75	3,512	100
Jackson	44,546	102	45,437	100	29	100	29	100
Jasper	18,981	45	8,541	90	550	67	368	90
Jefferson	32,709	75	24,532	107	70	100	70	105
Jersey	49,973	77	38,479	90	122	*92	112	*99
JoDaviess	2,128	*84	1,787	90	1,411	*92	1,298	*99
Johnson	17,661	100	17,661	108	15	100	15	100
Kane	181	*84	152	*99	2,775	102	2,830	107
Kankakee	1,312	95	1,246	97	3,597	92	3,309	100
Kendall	97	*84	81	*99	1,161	100	1,161	102
Knox	3,335	97	3,235	100	2,691	85	2,287	100
Lake	211	75	158	91	416	97	403	93
LaSalle	2,201	98	2,157	102	1,817	93	1,690	100
Lawrence	31,916	85	27,129	80	215	*92	198	*99
Lee	†177	20	35	100	†3,842	110	4,226	100

WINTER GRAIN—Continued.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1885 returned by Assessors	Acreage 1886 compared with 1885	Acreage 1886 crop	Average condition Dec. 1, 1885	Acreage 1885 returned by Assessors	Acreage 1886 compared with 1885	Acreage 1886 crop	Average condition Dec. 1, 1885
Livingston	754	30	226	90	5,135	65	3,338	95
Logan	16,009	90	14,408	100	898	90	808	100
Macon	6,144	50	3,072	100	267	100	267	100
Macoupin	33,031	72	23,782	100	438	100	438	100
Madison	10,120	82	8,298	94	3,100	102	3,162	100
Marion	27,718	60	16,631	100	380	*92	350	*99
Marshall	‡500	60	300	100	‡519	65	337	100
Mason	.....	.....	.....	.....	.....	.....	.....	.....
Massae	17,760	110	19,536	105	72	100	72	110
McDonough	.....	.....	.....	.....	.....	.....	.....	.....
McHenry	423	70	296	100	1,355	83	1,125	100
McLean	2,633	130	3,423	93	2,904	85	2,468	100
Menard	24,250	80	20,127	97	1,050	87	913	100
Mercer	961	100	961	80	4,789	95	4,549	90
Monroe	47,941	82	39,312	102	69	95	65	100
Montgomery	25,067	76	19,051	98	751	97	728	102
Morgan	16,570	95	15,741	99	.....	.....	.....	.....
Moultrie	4,857	80	3,886	98	96	100	96	100
Ogle	2,938	100	2,938	100	5,417	97	5,254	95
Peoria	5,175	85	4,399	92	1,855	80	1,484	100
Perry	33,173	74	24,548	96	19	100	19	87
Piatt	4,118	*84	3,459	*99	643	*92	591	*99
Pike	49,506	80	39,605	102	230	102	255	100
Pope	16,302	85	13,857	95	32	85	27	90
Pulaski	9,758	104	10,148	102	175	*92	161	*99
Putnam	474	80	379	100	556	83	461	100
Randolph	84,239	90	75,815	100	179	95	170	100
Richland	25,474	75	19,105	107	438	105	460	92
Rock Island	432	*84	363	*99	4,266	*92	3,925	*99
Saline	13,349	80	10,679	100	24	*92	22	*99
Sangamon	22,016	87	19,154	100	397	100	397	100
Schuyler	29,187	85	24,809	100	280	100	280	100
Scott	4,999	70	3,499	92	338	60	203	100
Shelby	33,662	82	27,603	104	263	87	177	101
Stark	166	100	166	100	630	100	630	100
St. Clair	69,094	90	62,185	100	143	95	136	100
Stephenson	2,140	77	1,648	100	10,898	100	10,898	100
Tazewell	18,308	74	14,548	99	764	100	764	100
Union	17,502	105	18,377	100	64	100	64	100
Vermilion	13,119	155	26,631	120	1,305	67	874	95
Wabash	23,879	88	21,013	89	12	70	8	80
Warren	805	70	563	103	2,004	92	1,844	102
Washington	101,686	87	88,457	107	221	103	228	103
Wayne	26,289	77	20,242	97	23	110	25	100
White	42,975	75	32,231	85	35	80	28	100
Whiteside	399	100	399	100	12,517	90	11,265	100
Will	1,270	85	1,079	100	1,921	96	1,844	103
Williamson	22,465	93	20,892	101	24	100	24	100
Winnebago	776	73	566	100	8,219	95	7,808	100
Woodford	3,062	100	3,062	100	882	100	882	100
Total or average	1,693,826	85	1,444,515	99	145,091	90	131,488	99

*Estimated.
†Six townships not reported.
‡One township not reported.

PASTURES AND SORGHUM.

Counties.	PASTURES.			SORGHUM.				
	Acreage 1885 returned by Assessors	Value per acre for season of 1885	Total value	Acreage 1885 returned by Assessors	Number of gallons syrup per acre	Total number of gallons produced	Price per gallon	Value of product
Adams	55,416	$3.00	$166,248	250	*95	23,750	$0 50	$11,875
Alexander	1,058	1 50	1,587	147	200	29,400	30	8,820
Bond	29,152	2 00	58,304	291	77	22,407	37	8,290
Boone	53,196	2 25	119,691					
Brown	29,696	2 50	74,240	113	*95	10,735	75	8,051
Bureau	100,295	3 40	341,003	26	60	1,560	50	780
Calhoun	2,622	3 25	8,521					
Carroll	57,940	5 00	289,700	61	*95	5,795	60	3,477
Cass	25,317	3 30	83,546	27	80	2,160	48	1,037
Champaign	109,646	2 75	291,526	152	200	30,400	50	15,200
Christian	85,013	3 50	297,545	64	75	4,800	41	1,968
Clark	33,603	2 10	70,566	253	83	20,999	32	6,720
Clay	24,261	1 50	36,391	294	82	24,108	35	8,438
Clinton	24,115	4 00	96,460	107	*95	10,165	40	4,066
Coles	39,503	2 75	108,633	222	100	22,200	42	9,324
Cook	82,117	4 10	366,680					
Crawford	26,534	2 15	57,048	179	117	20,943	36	7,539
Cumberland	17,368	4 00	69,472	170	123	20,910	39	8,155
DeKalb	118,764	3 25	385,983					
DeWitt	51,946	3 25	168,824	35	75	2,625	50	1,312
Douglas	56,041	3 00	168,123	114	200	22,800	40	9,120
DuPage	52,129	3 00	156,387					
Edgar	104,777	*3 30	345,764	160	*95	15,200	*44	6,688
Edwards	11,168	5 00	55,840	41	85	3,485	50	1,742
Effingham	35,555	3 15	111,998	341	122	41,602	38	15,809
Fayette	24,569	1 90	46,681	266	120	31,920	37	11,810
Ford	42,980	2 00	85,960	22	*95	2,090	*44	920
Franklin	2,758	3 50	9,653	117	92	10,764	41	4,413
Fulton	86,073	3 00	258,219	118	120	14,160	48	6,797
Gallatin	11,088	4 00	44 352	331	75	24,825	40	9,930
Greene	72,196	4 00	288,784	190	75	14,250	50	7,125
Grundy	96,030	3 00	288,090	6	80	480	40	192
Hamilton	19,236	8 50	163,506	730	60	43,800	35	15,330
Hancock	67,015	2 85	190,993	205	75	15,375	43	6,611
Hardin	5,775	3 00	17,325	216	57	12,312	37	4,555
Henderson	75,018	3 00	225,054	25	90	2,250	50	1,125
Henry	122,490	3 65	447,088	77	100	7,700	*44	3,388
Iroquois	133,261	1 40	186,565	122	75	9,150	47	4,300
Jackson	8,769	3 50	30,691	138	112	15,456	45	6,955
Jasper	19,784	1 75	34,622	320	100	32,000	32	10,240
Jefferson	31,888	2 15	68,559	138	150	22,200	38	8,436
Jersey	28,106	4 00	112,424	57	*95	5,415	45	2,437
JoDaviess	95,837	3 00	287,511	11	*95	1,045	50	522
Johnson	15,688	5 00	78,440	487	98	47,726	30	14,318
Kane	105,622	3 25	343,271					
Kankakee	75,456	2 50	188,640	55	80	4,400	55	2,420
Kendall	54,038	3 20	172,922	6	*95	570	50	285
Knox	126,704	3 25	411,788	66	87	5,742	50	2,871
Lake	81,164	3 50	284,074	6	*95	570	52	296
LaSalle	111,930	3 45	386,158	46	150	6,900	50	3,450
Lawrence	21,228	3 00	63,684	116	*95	11,020	50	5,510

PASTURES AND SORGHUM—Continued.

COUNTIES.	PASTURES.			SORGHUM.				
	Acreage 1885 returned by Assessors	Value per acre for season of 1885	Total value	Acreage 1885 returned by Assessors	Number of gallons syrup per acre	Total number of gallons produced	Price per gallon	Value of product
Lee	†71,402	3 50	249,907	‡5	95	475	60	285
Livingston	101,332	3 20	324,262	121	75	9,075	45	4,084
Logan	64,420	2 90	186,818	91	90	8,190	50	4,095
Macon	60,281	4 25	256,194	24	150	3,600	50	1,800
Macoupin	90,058	3 00	270,174	268	75	20,100	35	7,035
Madison	60,100	3 60	216,360	440	80	25,200	55	19,360
Marion	37,229	2 50	93,072	176	80	14,080	35	4,928
Marshall	‡47,918	4 25	203,651	‡17	95	1,615	50	807
Mason								
Massac	3,750	2 25	8,437	192	107	20,544	30	6,163
McDonough								
McHenry	131,041	3 00	393,123	28	56	1,568	45	706
McLean	151,067	2 75	415,434	106	100	10,600	★44	4,664
Menard	37,000	3 60	133,200	200	125	25,000	45	11,230
Mercer	92,920	3 00	278,760	103	40	4,120	48	1,978
Monroe	5,836	4 00	23,344	65	100	6,500	35	2,275
Montgomery	79,681	2 30	183,266	266	94	25,004	37	9,251
Morgan	101,055	3 40	343,587					
Moultrie	28,901	3 00	86,703	123	100	12,300	42	5,162
Ogle	94,375	3 00	283,125	39	75	2,925	60	1,756
Peoria	53,030	3 50	185,605	58	*95	5,510	47	2,595
Perry	10,138	2 70	27,373	99	32	3,168	37	1,170
Piatt	28,932	*3 30	95,476	10	*95	950	*44	418
Pike	52,288	3 60	188,237	97	*95	9,215	*44	4,055
Pope	8,337	*3 30	27,512	802	100	80,200	30	24,060
Pulaski	3,352	6 00	20,112	186	105	19,530	30	5,859
Putnam	29,767	3 20	95,254	3	93	279	53	148
Randolph	18,097	3 25	58,815	207	75	15,525	37	5,744
Richland	29,293	2 00	58,586	198	50	9,900	37	3,663
Rock Island	59,554	2 75	163,773	84	*95	7,980	*44	3,511
Saline	6,853	*3 30	22,615	137	*95	13,015	35	4,555
Sangamon	109,904	3 20	351,693	143	*95	13,585	60	8,151
Schuyler	36,927	*3 30	121,859	122	*95	11,590	40	4,636
Scott	15,650	5 50	86,075	8	*95	760	40	304
Shelby	65,610	2 60	170,586	84	165	13,860	43	5,960
Stark	43,132	4 20	181,154	22	50	1,100	50	550
St. Clair	18,784	5 00	93,920	188	*95	17,860	*44	7,858
Stephenson	61,058	4 00	244,232	25	*95	2,375	50	1,687
Tazewell	53,083	4 50	338,873	50	*95	4,750	47	2,232
Union	6,257	*3 30	20,648	266	80	21,280	40	8,512
Vermilion	126,750	2 75	348,562	179	*95	17,005	50	8,502
Wabash	9,220	2 65	24,433	26	72	1,872	47	880
Warren	117,542	5 00	587,710	439	72	31,608	47	14,856
Washington	35,655	2 50	89,137	264	100	26,400	40	10,560
Wayne	32,480	2 35	76,328	418	65	27,170	40	10,868
White	21,469	3 00	64,407	252	97	24,444	36	8,780
Whiteside	97,094	6 00	582,564	61	*95	5,795	25	1,449
Will	121,808	2 90	353,243					
Williamson	11,189	4 25	47,553	330	62	20,460	41	8,389
Winnebago	68,049	4 00	272,196	10	120	1,200	47	564
Woodford	45,544	3 00	136,632	20	100	2,000	*44	880
Total or average	5,417,147	$3 25	$17,729,714	13,980	92	1,289,446	$0 40	$519,622

†Six townships not reported.
‡One " " "
*Estimated.

IRISH POTATOES.

COUNTIES.	Acreage 1885 returned by Assessors	Average yield per acre in bushels	Total yield in bush	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Adams	2,374	107	254,018	$0 55	$139,710	$15 65	$37,133	$102,577	
Alexander	152	150	22,800	45	10,260	18 35	2,789	7,471	
Bond	465	110	51,150	32	16,368	19 65	9,137	7,231	
Boone	681	85	57,885	45	26,043	23 95	16,310	9,738	
Brown	303	62	18,786	57	10,708	17 30	5,242	5,466	
Bureau	1,499	158	236,842	46	108,947	19 10	28,631	80,316	
Calhoun	260	102	26,520	35	9,282	21 80	5,668	3,614	
Carroll	1,032	67	69,144	57	39,412	31 65	32,663	6,749	
Cass	108	140	15,120	45	6,804	22 30	2,408	4,396	
Champaign	2,009	140	281,260	30	84,378	20 10	40,381	43,997	
Christian	989	125	123,625	34	42,032	19 15	18,939	23,093	
Clark	490	47	23,030	37	8,521	21 15	10,363		$1,842
Clay	149	107	15,943	28	4,464	17 40	2,593	1,871	
Clinton	1,047	*90	94,230	40	37,692	22 20	23,248	14,449	
Coles	356	75	26,700	47	12,549	17 10	6,083	6,461	
Cook	8,689	65	564,785	43	242,857	17 15	149,016	93,841	
Crawford	271	112	30,352	35	10,623	17 80	4,824	5,799	
Cumberland	299	87	26,013	37	9,625	14 15	4,231	5,394	
DeKalb	1,573	75	117,975	42	49,549	23 35	36,729	12,820	
DeWitt	410	85	34,850	50	17,425	15 20	6,232	11,193	
Douglas	367	100	36,700	50	18,350	18 50	679	17,671	
DuPage	3,642	112	407,904	40	163,162	31 85	115,998	47,164	
Edgar	576	*90	51,840	25	12,960	15 65	9,015	3,945	
Edwards	108	90	9,720	40	3,888	16 50	1,782	2,106	
Effingham	643	143	91,949	30	27,585	21 90	14,082	13,503	
Fayette	476	88	41,888	60	25,133	23 05	10,972	14,161	
Ford	500	100	50,000	60	30,000	19 10	9,550	20,450	
Franklin	41	77	3,157	30	947	16 15	662	285	
Fulton	1,142	85	97,070	59	57,271	15 70	17,929	39,342	
Gallatin	545	40	21,800	40	8,720	19 80	10,791		2,071
Greene	838	45	37,710	65	24,511	17 25	14,455	10,056	
Grundy	643	87	55,941	63	35,243	18 75	12,056	23,187	
Hamilton	1,007	100	100,700	25	25,175	22 30	22,456	2,719	
Hancock	1,005	77	77,385	48	37,145	23 60	23,718	13,427	
Hardin	957	82	78,474	33	25,896	18 45	17,657	3,239	
Henderson	184	75	13,800	52	7,176	18 55	3,413	3,763	
Henry	1,547	91	140,777	47	66,165	20 70	32,023	34,142	
Iroquois	2,124	58	123,192	57	70,219	25 30	53,737	16,482	
Jackson	481	75	36,075	35	12,626	23 95	11,520	1,106	
Jasper	337	75	25,275	50	12,637	15 55	5,240	7,397	
Jefferson	246	83	20,418	32	6,534	17 25	4,243	2,291	
Jersey	515	100	51,500	37	19,055	20 95	10,789	8,266	
JoDaviess	1,663	125	207,875	47	97,701	18 70	31,098	66,603	
Johnson	239	75	17,925	35	6,274	18 25	4,362	1,912	
Kane	1,814	69	125,166	50	62,583	22 55	40,906	21,677	
Kankakee	1,046	75	78,450	55	43,147	26 00	27,196	15,951	
Kendall	759	105	79,695	50	39,847	21 90	16,622	23,225	
Knox	1,102	80	88,160	55	48,488	20 55	22,646	25,842	
Lake	1,459	53	77,327	52	40,210	19 50	28,450	11,760	
La Salle	2,936	140	411,040	52	213,741	21 40	62,830	150,911	
Lawrence	175	120	21,000	40	8,400	18 45	3,229	5,171	
Lee	†2,239	55	123,145	50	61,572	18 35	41,086	20,486	

IRISH POTATOES—Continued.

COUNTIES.	Acreage 1885 returned by Assessors	Average yield per acre in bushels	Total yield in bush	Price per bushel	Value of crop	Cost of production per acre	Total cost of production	Profit on crop	Loss on crop
Livingston	3,652	87	317,927	$0 67	$193,872	$22 45	$81,987	$111,825	
Logan	1,254	130	163,020	47	79,619	19 80	24 829	51,790	
Macon	651	77	50,127	40	20,051	20 75	13,508	6,553	
Macoupin	490	95	46,550	37	17,223	19 95	9,775	7,448	
Madison	11,900	92	1,094,800	35	383,180	19 20	228,480	154,700	
Marion	321	60	19,260	50	9,630	15 15	4,863	4,767	
Marshall	‡483	75	36,225	50	18,112	22 15	10,698	7,414	
Mason						20 30			
Massac	221	93	20,553	32	6,577	13 45	2,972	3,605	
McDonough						22 35			
McHenry	1,895	70	132,650	47	62,345	19 85	37,616	24,729	
McLean	1,385	96	132,960	55	73,128	23 90	33,101	40,027	
Menard	1,050	95	99,750	47	46,882	24 00	25,200	21,682	
Mercer	758	75	56,850	40	22,740	20 50	15,539	7,201	
Monroe	1,036	125	129,500	30	38,850	22 85	23,673	15,177	
Montgomery	968	117	113,256	32	36,242	19 05	18,440	17,802	
Morgan						21 30			
Moultrie	339	100	33,900	41	13,899	22 00	7,458	6,441	
Ogle	1,764	70	123,480	47	58,036	20 75	36,603	21,433	
Peoria	1,620	89	144,180	64	92,275	26 45	42,849	49,426	
Perry	348	88	30,624	29	8,881	22 80	7,934	948	
Piatt	390	100	39,000	40	15,600	17 25	6,727	8,873	
Pike	592	55	32,560	40	13,024	20 55	12,166	858	
Pope	960	100	96,000	30	28,800	24 30	23,328	5,472	
Pulaski	654	50	32,700	35	11,145	19 40	12,688		1,543
Putnam	258	82	21,156	43	9,097	10 75	2,773	6,324	
Randolph	880	91	80,080	27	21,622	36 65	32,252		10,630
Richland	446	50	22,300	35	7,805	18 90	8,429		624
Rock Island	2,091	127	265 557	45	119,501	22 70	47,466	72,035	
Saline	240	32	7,880	32	2,458	16 80	4,032		1,574
Sangamon	1,296	125	162,000	45	72,900	23 80	30,845	42,055	
Schuyler	465	60	27,900	60	16,740	21 55	10,021	6,719	
Scott	251	115	28,865	41	11,835	20 55	5,158	6,677	
Shelby	449	142	63,758	41	26,141	18 35	8,239	17,902	
Stark	436	30	13,080	52	6,802	29 90	13,036		6,234
St. Clair	5,137	92	472,604	30	141,781	25 95	133,305	8,476	
Stephenson	1,528	59	76,400	48	36,672	22 30	34,074	2,598	
Tazewell	1,008	62	62,496	51	31,873	24 00	24,192	7,681	
Union	388	125	48,500	40	19,400	20 55	7,973	11,427	
Vermilion	1,625	100	162,500	33	53,625	21 35	34,694	18,931	
Wabash	92	108	9,936	43	4,272	17 25	1,587	2,685	
Warren	743	96	71,328	52	37,090	23 10	17,163	19,927	
Washington	931	150	139,650	32	44,688	19 60	18,248	26,440	
Wayne	427	66	28,182	28	7,891	19 40	8,284		393
White	265	109	28,885	31	8,954	20 65	5,472	3,482	
Whiteside	1,863	50	93,150	45	41,917	23 00	42,849		932
Will	3,611	69	207,759	49	101,802	20 75	62,478	39,324	
Williamson	321	82	26,322	30	7,897	19 50	6,259	,638	
Winnebago	1,393	62	86,366	58	50,092	19 90	27,721	22,371	
Woodford	665	150	99,750	*48	47,880	19 85	13,200	34,680	
Total or average	113,452	89	10,146,159	$0 45	$4,377,401	$21 20	$2,403,996	$1,999,248	$25,843

* Estimated.
* Six townships not reported.
‡ One township not reported.

SWEET POTATOES, TURNIPS, ETC.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TURNIPS.
	Acreage 1885, returned by Assessors	Yield per acre in bushels	Total yield in bushels	Price per bushel.	Value of 1885 crop	Value of 1884 crop returned by Assessors	Value of 1885 crop compared with 1884	Value of 1885 crop	Average yield per acre in bushels.
Adams	87	109	9,483	*$0 73	$6,922	$84	70	$59	100
Alexander	17	125	2,125	30	637	600	150	900	200
Bond	16	100	1,600	53	848	770	100	770	*109
Boone	.....	.....	.....	.....	.....	850	100	850	*109
Brown	1	*94	94	*73	69	2,089	100	2,089	*109
Bureau	5	*94	470	1 00	470	128	88	113	165
Calhoun	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll	2	*94	188	*73	137	.....	.....	.....	.....
Cass	117	50	5,850	80	4,680	360	108	389	*109
Champaign	2	*94	188	1 00	188	37	105	39	100
Christian	4	97	388	70	272	3,558	97	3,451	60
Clark	5	55	275	58	159	360	95	342	58
Clay	4	100	400	76	304	827	105	868	150
Clinton	4	*94	376	65	244	59	75	44	*109
Coles	66	85	5,610	77	4,320	183	*95	174	*109
Cook	.....	.....	.....	.....	.....	4,975	107	5,323	185
Crawford	25	97	2,425	80	1,940	.....	.....	.....	.....
Cumberland	.....	.....	.....	.....	.....	2,238	110	2,462	74
DeKalb	.....	.....	.....	.....	.....	270	100	270	*109
DeWitt	.....	.....	.....	.....	.....	.....	.....	.....	.....
Douglas	.....	.....	.....	.....	.....	7,605	100	7,605	100
DuPage	1	*94	94	*73	69	10	100	100	*109
Edgar	105	*94	9,870	*73	7,205	1,217	100	1,217	*109
Edwards	3	100	300	90	270	156	105	164	*109
Effingham	1	88	88	70	62	.....	.....	.....	.....
Fayette	10	48	480	70	336	636	101	642	75
Ford	.....	.....	.....	.....	.....	700	*95	665	*109
Franklin	4	115	460	43	198	.....	.....	.....	.....
Fulton	6	*94	564	1 00	564	622	100	622	100
Gallatin	108	100	10,800	75	8,100	.....	.....	.....	.....
Greene	10	40	400	1 00	400	316	100	316	200
Grundy	.....	.....	.....	.....	.....	6,300	110	6,930	*109
Hamilton	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hancock	16	100	1,600	*73	1,168	100	60	60	*109
Hardin	.....	.....	.....	.....	.....	50	102	51	60
Henderson	17	95	1,615	1 00	1,615	20	*95	19	40
Henry	6	100	600	1 00	600	1,825	100	1,825	*109
Iroquois	3	100	300	1 00	300	1,592	87	1,385	200
Jackson	130	75	9,750	45	4,387	108	62	67	*109
Jasper	6	100	600	50	300	530	100	530	87
Jefferson	10	65	650	50	325	487	87	424	150
Jersey	14	112	1,568	62	972	592	100	592	200
JoDaviess	2	*94	188	*73	137	715	*95	679	*109
Johnson	70	140	9,800	39	3,822	135	97	131	75
Kane	.....	.....	.....	.....	.....	659	105	692	150
Kankakee	.....	.....	.....	.....	.....	134	75	100	*109
Kendall	.....	.....	.....	.....	.....	200	87	174	150
Knox	2	65	130	105	136	56	76	42	180
Lake	1	*94	94	*73	69	2,965	102	3,024	100
LaSalle	.....	.....	.....	.....	.....	258	100	258	200
Lawrence	2	50	100	75	75	66,279	90	59,651	35
Lee	.....	.....	.....	.....	.....	*300	100	300	.....

SWEET POTATOES, TURNIPS, ETC—Continued.

COUNTIES.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TURNIPS.
	Acreage 1885, returned by Assessors	Yield per acre in bushels	Total yield in bushels	Price per bushel	Value of 1885 crop	Value of 1884 crop returned by Assessors	Value of 1885 crop compared with 1884	Value of 1885 crop	Average yield per acre in bushels.
Livingston	1	*94	94	*$0 73	$69	$68,774	62	$42,640	*109
Logan	17	*94	1,598	*73	1,166	41	75	31	50
Macon	19	60	1,140	1 00	1,140	376	75	282	75
Macoupin	10	80	800	65	520	21	110	23	115
Madison	200	100	20,000	95	19,000	7,200	102	7,344	*109
Marion	4	*94	376	50	188	786	110	865	100
Marshall	‡1	90	90	*73	66	‡1,210	80	968	*109
Mason									
Massac	26	133	3,458	35	1,210	77	112	86	112
McDonough									
McHenry						1,278	108	1,380	*109
McLean	32	100	3,200	1 00	3,200	912	87	793	100
Menard	60	100	6,000	66	3,600				
Mercer	10	*94	940	90	846	300	90	270	*109
Monroe									
Montgomery	18	100	1,800	69	1,242	120	89	107	200
Morgan									
Moultrie	15	150	2,250	85	1,912				
Ogle	4	*94	376	*73	274	5,252	100	5,252	*109
Peoria	7	125	875	1 17	1,024	1,535	50	767	*1 09
Perry	30	97	2 910	42	1,222	330	45	148	80
Piatt									
Pike	3	*94	282	*73	206	67	92	62	50
Pope	102	*94	9,588	*73	6,999	351	100	351	75
Pulaski	280	70	19,600	27	5,292	2,665	95	2,532	90
Putnam									
Randolph	66	93	6,138	55	3,376	2,080	100	2,080	50
Richland	9	40	360	60	216	5,300	97	5,141	*109
Rock Island	2	*94	188	73	137	1,405	90	1,264	*109
Saline	106	*94	9,964	50	4,982	630	95	598	40
Sangamon	30	150	4,500	91	4,095	696	105	731	150
Schuyler	2	*94	188	*73	137	10	90	9	*109
Scott						350	110	385	*109
Shelby	19	109	2,071	85	1,760	7,148	88	6,290	160
Stark									
St. Clair	12	*94	1,128	70	790	315	100	315	150
Stephenson						1,579	100	1,579	100
Tazewell	174	70	12,180	87	10,597	615	102	627	40
Union	500	100	50,000	30	15,000	548	100	548	75
Vermilion	3	*94	282	1 05	296	1,582	100	1,582	200
Wabash	2	108	216	67	145				
Warren	1	90	90	1 40	126				
Washington	13	150	1,950	45	877	731	107	782	62
Wayne	3	83	249	67	167	1,104	92	1,016	60
White	13	102	1,326	54	716	51,734	99	51,217	122
Whiteside	46	*94	4,324	1 00	4,324	1,203	100	1,203	80
Will						2,310	95	2,194	120
Williamson	103	112	11,536	39	4,499	1,606	101	1,622	100
Winnebago						7,865	100	7,865	*109
Woodford						30	100	30	*109
Total or average	2,825	92	261,590	$0 59	$153,716	$292,181	88	$257,387	109

*Estimated.
†Six townships not reported.
‡One township not reported.

BUCKWHEAT AND BROOM-CORN.

COUNTIES.	BUCKWHEAT.					BROOM-CORN.				
	Acreage 1885 returned by Assessors.	Aver'ge yield per acre in bushels.	Total yield in bushels.	Price per bushel.	Value of crop.	Acreage 1885 returned by Assessors.	Aver'ge yield per acre in tons.	Total yield in tons	Price per ton.	Value of crop.
Adams	42	12	504	$0 50	$252	15	*¼	4	*$94	$376
Alexander	3	*16	48	*67	32					
Bond	37	*16	592	*67	397	30	*¼	7	*94	658
Boone	131	20	2,620	50	1,310	137	*¼	34	100	3,400
Brown										
Bureau	17	35	595	1 00	595					
Calhoun										
Carroll	101	30	3,030	60	1 818	4	*¼	1	*94	94
Cass										
Champaign	23	14	322	80	258	1,216	½	608	105	63,840
Christian	13	*16	208	*67	139	27	*¼	7	*94	658
Clark	568	9	5,112	45	2,300	60	⅓	20	75	1,500
Clay	22	9	198	85	168					
Clinton	1	*16	16	*67	11	10	*¼	2	*94	188
Coles	20	*16	320	*67	214	5,916	⅓	1,972	77	151,844
Cook	53	16	848	*67	568					
Crawford	69	13	897	49	439					
Cumberland	146	12	1,752	54	946	237	¼	59	100	5,900
DeKalb	266	15	3,990	*67	2,673					
DeWitt										
Douglas	7	20	140	60	84	4,864	¼	1,216	120	145,920
DuPage	21	15	315	55	173					
Edgar	20	14	280	75	210	513	*¼	128	80	10,240
Edwards										
Effingham	8	12	96	77	74					
Fayette	57	14	798	70	559	8	*¼	2	*94	188
Ford	2	15	30	75	22	70	*¼	17	*94	1,598
Franklin										
Fulton	56	12	672	*67	450	4	*¼	1	*94	94
Gallatin										
Greene	39	15	585	50	292					
Grundy	28	15	420	75	315					
Hamilton										
Hancock	78	15	1,170	50	585					
Hardin										
Henderson	35	16	560	90	504					
Henry	16	15	240	75	180	2,501	¼	625	*94	58,750
Iroquois	143	20	2,860	75	2,145	48	*¼	12	*94	1,128
Jackson	2	*16	32	*67	21					
Jasper	57	5	285	30	85	205	½	102	100	10,200
Jefferson										
Jersey	17	35	595	60	357					
JoDaviess	138	*16	2,080	*67	1,394					
Johnson										
Kane	106	22	2,332	75	1,749					
Kankakee	187	20	3,740	60	2,244	8	*¼	2	*94	188
Kendall										
Knox	55	20	1,100	1 00	1,100	498	⅓	166	85	14,110
Lake	54	30	1,620	60	972					
LaSalle	49	14	686	1 00	686	14	*¼	3	*94	282
Lawrence	7	10	70	50	35	50	*¼	12	*94	1,128
Lee	44	6	264	75	198					

BUCKWHEAT AND BROOM-CORN--Continued.

COUNTIES	BUCKWHEAT.					BROOM-CORN.				
	Acreage 1885 returned by Assessors	Average yield per acre in bushels.	Total yield in bushels	Price per bushel.	Value of crop	Acreage 1885 returned by Assessors	Aver'ge yield per acre in tons	Total yield in tons	Price per ton	Value of crop
Livingston	47	8	376	$0 75	$282	42	*¼	10	$142	$1,400
Logan	1	*16	16	*67	11					
Macon	1	*16	16	*67	11					
Macoupin	48	12	576	70	403	23	*¼	6	*94	564
Madison						100	*¼	25	*94	2,350
Marion	14	10	140	*67	94	6	*¼	1	*94	94
Marshall										
Mason										
Massac	2	*16	32	*67	21	4	*¼	1	*94	94
McDonough										
McHenry	217	13	2,821	55	1,551					
McLean	2	*16	32	*67	21					
Menard	150	*16	2,400	*67	1,608					
Mercer	42	*16	672	*67	450	90	⅓	30	70	2,100
Monroe	6	*16	96	*67	64					
Montgomery	95	18	1,710	53	906	10	*¼	2	70	140
Morgan										
Moultrie						198	⅓	66	75	4,950
Ogle	125	20	2,500	80	2,000	6	*¼	1	*94	94
Peoria	19	*16	304	1 00	304	6	*¼	1	*94	94
Perry	2	*16	32	50	16					
Piatt	6	*16	96	*67	64	145	*¼	36	*94	3,384
Pike	37	*16	592	*67	397	6	*¼	1	*94	94
Pope										
Pulaski										
Putnam										
Randolph	5	30	150	*67	1 00	10	*¼	2	*94	188
Richland	19	7	133	45	60	4	*¼	1	*94	94
Rock Island	159	*16	2,544	*67	1,704	14	*¼	3	*94	282
Saline	7	*16	112	*67	75	7	*¼	2	*94	188
Sangamon						27	*¼	7	*94	658
Schuyler	11	*16	176	60	106	6	*¼	1	*94	94
Scott	5	*16	80	*67	54					
Shelby	40	14	560	57	319	7	*¼	2	120	240
Stark						7	*¼	2	*94	188
St. Clair	19	*16	304	75	228					
Stephenson	69	15	1,035	62	642	8	*¼	2	*94	188
Tazewell	5	10	50	80	40					
Union	5	*16	80	*67	54					
Vermilion	51	*16	816	*67	547	48	*¼	12	*94	1,128
Wabash	5	*16	80	*67	54	11	*¼	3	*94	282
Warren	53	15	795	40	318	120	*¼	30	*94	2,820
Washington	2	*16	32	65	21					
Wayne	43	24	1,032	60	619					
White										
Whiteside	151	8	1,208	87	1,051	10	*¼	2	*94	188
Will	17	22	374	77	288					
Williamson	12	*16	192	*67	129					
Winnebago	74	35	2,590	75	1,942	16	*¼	4	*94	376
Woodford	14	7	98	*67	66	16	*¼	4	*94	376
Total or average.:	4,318	15	66,874	$0.64	$43,174	17,328	⅓	5,257	$ 94	$494,932

★Estimated.
†Six townships not reported.

TOBACCO AND CASTOR BEANS.

Counties.	Tobacco.					Castor Beans.				
	Acreage 1885, returned by Assessors	Average yield per acre in pounds.	Total yield in pounds	Price per pound	Value of crop	Acreage 1885, ret. by Assessors	Aver'ge yield per acre in bushels.	Total yield in bushels	Price per bushel.	Value of crop
				$						
Adams										
Alexander	5	*697	3,485	0*08	$279					
Bond	1	*697	697	*08	56	234	12	2,808	$2 50	$ 7,020
Boone	119	*697	82,943	*08	6,635					
Brown										
Bureau						2	*11	22	*1 65	
Calhoun										36
Carroll	21	★697	14,637	★08	1,171					
Cass										
Champaign										
Christian										
Clark	11	1,050	11,550	10	1,155					
Clay						3	8	24	★1 65	40
Clinton						1,002	★11	11,022	1 75	19,288
Coles	11	★697	7,667	15	1,150					
Cook	9	1,000	9,000	10	900					
Crawford	72	600	43,200	06	2,592	125	4	500	1 50	750
Cumberland	3	400	1,200	17	204					
DeKalb										
DeWitt	3	★697	2,091	★08	167					
Douglas	1	★697	697	★08	56					
DuPage										
Edgar	8	★697	5,576	★08	446					
Edwards	6	★697	4,182	★08	334					
Effingham	2	★697	1,394	10	139					
Fayette	13	800	10,400	07	728					
Ford										
Franklin	195	800	156,000	05	7,800	512	6	3,072	1 40	4,301
Fulton						1	★11	11	★1 65	18
Gallatin										
Greene	4	★697	2,788	★08	223					
Grundy										
Hamilton	1,573	900	1,415,700	05	70,785					
Hancock										
Hardin	2	★697	1,394	10	139	4	★11	44	★1 65	73
Henderson										
Henry										
Iroquois	3	★697	2,091	★08	167	4	★11	44	2 00	88
Jackson	14	600	8,400	10	840	52	★11	572	1 60	915
Jasper	11	400	4,400	10	440					
Jefferson	15	★697	10,455	05	522	542	10	5,420	1 40	7,588
Jersey						12	*11	132	1 60	211
JoDaviess	767	*697	534,599	★08	42,768					
Johnson	175	800	140,000	10	14,000	15	★11	165	★1 65	272
Kane										
Kankakee	14	★697	9,758	★08	781					
Kendall										
Knox										
Lake										
LaSalle										
Lawrence	6	★697	4,182	★08	334					

TOBACCO AND CASTOR BEANS.—Continued.

Counties.	Tobacco.					Castor Beans.				
	Acreage 1885, returned by Assessors	Aver'ge yield per acre in pounds.	Total yield in pounds	Price per pound.	Value of crop	Acreage 1885, ret. by Assessors	Aver'ge per acre in bushels	Total yield in bushels	Price per bushel.	Value of crop.
Lee										
Livingston										
Logan										
Macon										
Macoupin						17	8	136	★$1 65	$224
Madison	40	★697	27,880	★$0.08	$2,230					
Marion	12	★697	8,364	★08	669	21	★11	231	★1 65	381
Marshall										
Mason										
Massac	150	800	120,000	06	7,200					
McDonough										
McHenry	27	★697	18,819	★08	1,505					
McLean										
Menard										
Mercer										
Monroe	1	★697	697	★08	56	10	20	200	1 75	350
Montgomery	1	★697	697	★08	56	12	★11	132	★1 65	218
Morgan										
Moultrie										
Ogle										
Peoria										
Perry	6	★697	4,182	★08	334	137	9	1,233	1 55	1,911
Piatt						1	★11	11	★1 65	18
Pike										
Pope	76	500	38,000	10	3,800					
Pulaski	55	600	33,000	★08	2,640					
Putnam										
Randolph						29	12	348	1 60	557
Richland	9	★697	6,273	★08	502					
Rock Island										
Saline	1,855	900	1,669,500	04	66,780	2	★11	22	1 50	33
Sangamon										
Schuyler										
Scott										
Shelby	1	700	700	09	63	1	★11	11	★1 65	18
Stark										
St. Clair						216	★11	2,376	★1 65	3,920
Stephenson	298	★697	207,706	★08	16,616					
Tazewell						9	★11	99	★1 65	163
Union	9	★697	6,273	★08	502					
Vermilion										
Wabash	3	★697	2,091	10	209	3	★11	33	★1 65	54
Warren										
Washington	1	200	200	10	20	579	25	14,475	1 65	23,884
Wayne	79	800	63,200	06	3,792	260	★11	2,860	1 50	4,290
White	127	★697	88,519	05	4,426					
Whiteside										
Will										
Williamson	1,107	700	774,900	05	38,745	20	14	280	1 45	406
Winnebago	107	★697	74,579	★08	5,966					
Woodford										
Total or average.	7,028	802	5,634,066	$05	$310,922	3,825	12	46,283	$ 1 65	$76,997

★Estimated.

BEANS, HUNGARIAN AND MILLET SEED.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET.				
	Acreage 1885 ret'ned by Assessors	Average yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crop	Bushels produced in 1884 returned by Assessors	Bushels produced in 1885 compared with 1884	Bushels produced in 1885	Price per bushel	Value of product
Adams	41	50	2,050	$1 40	$2,870					
Alexander	13	*19	247	90	222					
Bond	42	*19	798	1 25	997	167	100	167	$0 60	$100
Boone	11	*19	209	1 30	272	353	*95	335	*61	204
Brown	8	*19	152	2 50	380	131	100	131	*61	80
Bureau	2	*19	38	1 25	47					
Calhoun										
Carroll	1	*19	19	1 25	24					
Cass										
Champaign	4	*19	76	2 00	152	70	155	108	90	97
Christian	1	*19	19	*1 55	29	2	95	2	30	1
Clark	267	8	2,136	1 40	2,990					
Clay	47	30	1,410	1 25	1,762	15	112	17	*61	10
Clinton	54	*19	1,026	*1 55	1,590	21	*95	20	*61	12
Coles	31	*19	589	1 70	1,001	115	100	115	85	98
Cook	17	10	170	1 70	289	1,809	103	1,863	60	1,118
Crawford	133	15	1,995	1 55	3,092					
Cumberland	208	8	1,664	1 40	2,330	15	100	15	*61	9
DeKalb	12	30	360	1 20	432	248	100	248	*61	151
DeWitt	4	*19	76	2 00	152	25	102	25	60	15
Douglas	17	10	170	1 30	221	1,590	90	1,431	40	572
DuPage	9	*19	171	*1 55	265	40	80	32	*61	19
Edgar	88	*19	1,672	*1 55	2,592	200	*95	190	*61	116
Edwards	9	*19	171	2 25	385	27	*95	26	*61	16
Effingham	13	15	195	1 25	244	100	80	80	30	24
Fayette	79	30	2,370	1 55	3,673	7	95	7	1 00	7
Ford						100	50	50	*61	30
Franklin										
Fulton	20	*19	380	*1 55	589	46	100	46	*61	28
Gallatin										
Greene	36	15	540	2 50	1,350	85	100	85	*61	52
Grundy	5	*19	95	*1 55	147	426	75	319	25	80
Hamilton										
Hancock	11	*19	209	1 50	313	6	95	6	*61	4
Hardin	9	30	270	1 95	526					
Henderson	2	*19	38	*1 55	59					
Henry	5	*19	95	2 00	190	109	100	109	*61	66
Iroquois	18	*19	342	2 00	684	2,825	100	2,825	40	1,130
Jackson	4	*19	76	1 75	133	69	*95	65	*61	40
Jasper	130	5	650	1 35	877					
Jefferson	24	17	408	1 40	571					
Jersey	27	30	810	1 50	1,215	40	*95	38	*61	23
JoDaviess	3	*19	57	1 60	91	21	*95	20	*61	12
Johnson	14	*19	266	1 25	332					
Kane	7	10	70	1 50	105					
Kankakee	5	*19	95	*1 55	147	1,594	*95	1,514	*61	923
Kendall	2	*19	38	2 50	95	120	100	120	40	48
Knox	18	75	1,350	1 65	2,227	50	100	50	100	50
Lake	11	*19	209	1 20	251	912	93	848	60	509
LaSalle	5	*19	95	1 50	142	77	100	77	*61	47
Lawrence	141	8	1,128	1 50	1,692	38	*95	36	*61	22
Lee	42	10	20	1 10	22	†200	*95	190	*61	116

BEANS, HUNGARIAN AND MILLET SEED—Continued.

COUNTIES.	BEANS.					HUNGARIAN AND MILLET.				
	Acreage 1885 ret'ned by Assessors	Average yield per acre in bushels	Total yield in bushels	Price per bushel	Value of crop	Bushels produced in 1884 returned by Assessors	Bushels produced in 1885 compared with 1884	Bushels produced in 1885	Price per bushel	Value of product
Livingston	9	★19	171	$1 75	$299	2,993	50	1,496	$1 00	$1,496
Logan	6	5	30	2 00	60	37	100	37	★61	22
Macon	2	★19	38	★1 55	59	85	★95	81	★61	49
Macoupin	26	10	260	1 75	455	4	112	4	40	2
Madison										
Marion	176	25	4,400	1 00	4,400	2,232	★95	2,120	★61	1,293
Marshall	‡5	★19	95	1 60	152					
Mason										
Massac	5	12	60	1 45	87					
McDonough										
McHenry	22	14	308	1 50	462	181	100	181	★61	110
McLean	11	★19	209	★1 55	324	120	★95	114	★61	69
Menard										
Mercer	4	★19	76	★1 55	118	5	★95	5	★61	3
Monroe	16	35	560	1 50	840					
Montgomery	53	★19	1,007	90	906	20	100	20	50	10
Morgan										
Moultrie	1	★19	19	1 60	30	157	90	141	45	63
Ogle	25	★19	475	1 50	712	26	★95	25	★61	15
Peoria	10	★19	190	2 00	380	76	75	57	75	43
Perry	144	★19	2,736	★1 55	4,241					
Piatt	3	★19	57	★1 55	88	25	★95	24	★61	15
Pike	14	★19	266	★1 55	412	32	★95	30	★61	18
Pope	17	10	170	1 50	255	30	100	30	★61	18
Pulaski	97	★19	1,843	1 70	3,133					
Putnam	1	★19	19	★1 55	29					
Randolph										
Richland	41	6	246	1 00	246	1,975	★95	1,876	50	938
Rock Island	34	★19	646	★1 55	1,001	18	★95	17	★61	10
Saline	14	★19	266	1 50	399	71	★95	67	★61	41
Sangamon	12	★19	228	1 50	342					
Schuyler	8	★19	152	1 25	190	21	100	21	★61	13
Scott										
Shelby	13	18	234	1 40	328	110	87	96	80	77
Stark										
St. Clair	5	★19	95	★1 55	147					
Stephenson	2	★19	38	1 40	53	15	★95	14	★61	8
Tazewell										
Union						2	★95	2	★61	1
Vermilion	40	★19	760	1 50	1,140	651	95	618	★61	377
Wabash	2	★19	38	1 60	61					
Warren										
Washington	16	★19	304	★1 55	471	181	105	90	75	142
Wayne	76	20	1,520	1 65	2,508	16	★95	15	★61	9
White	6	★19	114	1 50	171	27	100	27	★61	16
Whiteside	60	7	420	1 75	735	5	★95	5	★61	3
Will	12	20	240	1 90	456	3,967	87	3,451	75	2,588
Williamson	5	12	60	1 50	90					
Winnebago	56	★19	1,064	1 25	1,330	241	★95	229	★61	140
Woodford	1	★19	19	★1 55	29					
Total or average	2,660	17	44,457	$1 45	$64,908	24,976	89	22,203	$0 60	$13,418

★ Estimated.
† Six townships not reported.
‡ One township not reported.

TIMOTHY AND CLOVER SEED.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced 1884 returned by Assessors	Bushels produced 1885 compared with 1884	Bushels produced 1885	Price per bushel	Value of product	Bushels produced 1884 returned by Assessors	Bushels produced 1885 compared with 1884	Bushels produced 1885	Price per bushel	Value of product
Adams	1,392	90	1,253	$1 65	$2,067	3,961	79	3,129	$5 20	$16,271
Alexander										
Bond	22	97	21	1 85	39	135	105	142	5 00	710
Boone	1,355	75	1,016	1 45	1,473	632	60	379	5 00	1,895
Brown	404	100	404	2 00	808	1,497	70	1,048	5 40	5,659
Bureau	124	84	104	1 50	156	10	69	7	4 90	34
Calhoun										
Carroll	1,384	62	858	1 50	1,287	544	40	218	6 00	1,308
Cass	43	100	43	*1 65	71					
Champaign	1,242	110	1,366	1 75	2,390	93	100	93	6 00	558
Christian	2,547	83	2,114	1 50	3,171	33	70	23	4 85	111
Clark	752	78	586	1 55	908	965	58	560	4 60	2,576
Clay	3,272	113	3,697	1 50	5,545	2	103	2	4 25	8
Clinton	57	100	57	1 40	80	326	125	407	4 50	1,831
Coles	255	100	255	1 65	421	389	92	358	5 35	1,915
Cook	101	89	90	1 55	139					
Crawford	726	96	697	1 60	1,115	1,019	91	927	4 40	4,079
Cumberland	665	81	539	1 70	916	117	92	108	5 30	572
DeKalb	9,431	83	7,828	1 50	11,742	342	66	226	5 00	1,130
DeWitt	437	97	424	1 60	678	190	90	171	4 25	727
Douglas	1,627	100	1,627	1 20	1,952	874	70	612	4 50	2,754
DuPage	979	75	734	1 50	1,101	236	60	178	5 50	979
Edgar	1,976	★87	1,719	1 50	2,578	280	★87	244	5 50	1,342
Edwards	3,931	100	3,931	★1 65	6,486	1,590	110	1,749	5 00	8,745
Effingham	886	108	957	1 85	1,770					
Fayette	2,000	104	2,080	1 95	4,056	97	112	109	4 00	436
Ford	4,278	75	3,208	1 50	4,812	54	★87	47	★5 10	240
Franklin						118	115	136	4 75	646
Fulton	4,559	83	3,784	1 45	5,487	10,620	75	7,965	5 60	44,604
Gallatin	820	★87	713	★1 65	1,176	1,248	125	1,560	4 00	6,240
Greene	680	100	680	2 25	1,530	2,526	100	2,526	5 50	13,893
Grundy	3,136	68	2,132	1 40	2,985	31	100	31	★5 10	158
Hamilton										
Hancock	2,925	100	2,925	1 35	3,949	591	100	591	6 00	3,546
Hardin										
Henderson	472	50	236	1 35	319	3	★87	3	5 00	15
Henry	2,503	80	2,002	1 75	3,503	208	50	104	5 75	598
Iroquois	7,288	75	5,466	1 75	9,565	105	90	94	6 00	564
Jackson	118	100	118	1 70	201	2,162	85	1,838	4 75	8,730
Jasper	1,376	65	894	1 25	1,117	18	75	13	5 50	71
Jefferson	463	100	463	1 75	810	30	122	37	5 00	185
Jersey	296	100	296	1 40	414					
JoDaviess	1,233	★87	1,073	1 60	1,717	2,619	★87	538	5 00	2,690
Johnson						737	128	3,523	4 90	17,263
Kane	1,439	80	1,151	1 65	1,899	55	50	27	5 50	148
Kankakee	5,743	95	5,456	1 75	9,548	310	100	310	5 00	1,550
Kendall	5,147	100	5,147	1 55	7,978	41	115	47	4 90	230
Knox	7,426	69	5,124	1 80	9,223	769	10	77	5 50	423
Lake	1,038	83	861	1 50	1,291	1,314	70	920	5 25	4,830
LaSalle	9,673	64	6,191	1 55	9,596	390	75	442	5 25	2,320
Lawrence	1,862	90	1,676	2 00	3,352	2,342	80	1,874	4 85	9,089
Lee	†16,558	★87	14,405	1 25	18,006	†356	★87	310	5 00	1,550

TIMOTHY AND CLOVER SEED—Continued.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced 1884 returned by Assessors	Bushels produced 1885 compared with 1884	Bushels produced 1885	Price per bushel	Value of product	Bushels produced 1884 returned by Assessors	Bushels produced 1885 compared with 1884	Bushels produced 1885	Price per bushel	Value of product
Livingston	13,178	70	9,225	$ 1 50	$ 13,837	582	★87	506	$ 4 50	$ 2,277
Logan	353	100	353	2 00	706	30	125	37	7 00	259
Macon	823	66	543	1 50	814	749	★87	656	5 00	3,260
Macoupin	2,315	89	2,060	1 30	2,678	1,944	64	1,244	4 70	5,847
Madison	450	100	450	1 85	832	500	77	385	4 85	1,867
Marion	5,356	90	4,820	1 20	5,784	.....	...	.....	.....	.....
Marshall	‡2,229	85	1,895	1 60	3,032	‡161	60	97	5 60	543
Mason	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massae	35	100	35	1 25	44	182	107	195	4 85	946
McDonough	...	.....	.....	.....	.....	.....	...	.....	.....	...
McHenry	2,064	73	1,507	1 55	2,336	1,265	55	696	5 20	3,619
McLean	2,186	72	1,574	1 75	2,754	508	★87	442	★5 10	2,254
Menard	500	75	375	1 75	656	150	50	75	5 00	375
Mercer	1,929	50	964	1 95	1,880	2,147	60	1,288	4 75	6,118
Monroe	11	100	11	2 10	23	1,284	102	1,310	2 00	2,620
Montgomery	2,201	96	2,113	1 50	3,169	528	79	417	5 00	2,085
Morgan	.....	...	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie	471	95	447	1 50	670	255	90	229	5 25	1,202
Ogle	18,275	87	15,899	1 40	22,259	2,663	90	2,397	5 00	11,985
Peoria	2,272	57	1,295	1 80	2,331	1,595	17	271	5 50	1,490
Perry	11	85	9	1 60	14	182	1 10	200	5 80	1,160
Piatt	657	100	657	2 00	1,314	157	★87	136	★5 10	694
Pike	659	97	639	1 60	1,022	1,136	80	909	5 00	4,545
Pope	234	100	234	1 50	351	183	95	174	6 00	1,044
Pulaski	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam	86	23	20	2 15	43	106	70	74	6 25	462
Randolph	37	100	37	2 25	83	348	117	407	4 60	1,872
Richland	5,704	95	5,419	1 60	8,670	547	120	656	4 50	2,952
Rock Island	392	★87	341	★1 65	563	161	★87	140	★5 10	714
Saline	10	90	9	2 25	20	1,186	80	949	4 50	4,270
Sangamon	3,993	88	3,514	1 50	5,271	25	100	25	6 00	150
Schuyler	2,943	110	3,237	1 40	4,532	4,823	★87	4,196	5 25	22,029
Scott	220	100	220	2 00	440	.....	.....	.....	.....	.....
Shelby	814	103	838	1 75	1,466	392	79	310	5 00	1,550
Stark	895	77	689	2 50	1,722	20	100	20	4 00	80
St. Clair	4	105	4	1 50	6	1,594	120	1,913	4 50	8,608
Stephenson	782	90	704	1 50	1,056	1,977	53	1,048	5 50	5,764
Tazewell	386	102	394	2 00	788	1,287	75	965	5 50	5,307
Union	.....	...	.....	.....	.....	813	110	894	4 80	4,291
Vermilion	2,274	100	2,274	1 75	3,979	554	70	443	5 25	2,326
Wabash	885	80	708	1 35	956	2,677	85	2,275	5 00	11,375
Warren	737	95	700	1 95	1,365	295	82	242	5 25	1,270
Washington	790	100	790	1 75	1,382	119	110	131	5 00	655
Wayne	643	105	675	1 75	1,181	537	115	617	5 00	3,085
White	169	100	169	1 75	296	4,439	141	6,259	5 00	31,295
Whiteside	2,557	80	2,046	1 75	3,580	294	50	147	6 25	919
Will	1,770	67	1,166	1 55	1,807	1,173	71	833	5 10	4,248
Williamson	11	★87	9	1 75	16	3,159	110	3,475	4 85	16,854
Winnebago	955	60	573	1 55	888	1,163	60	698	5 00	3,490
Woodford	3,536	40	1,414	★1 65	2,333	1,022	★87	889	★5 10	4,534
Total or average	201,443	83	167,456	$1 55	$258,376	85,151	86	72,969	$5 00	$365,513

★ Estimated
† Six townships not reported.
‡ One township not reported.

GRAPES AND WINE.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1884 returned by Assessors	Pounds produced in 1885 compared with 1884	Pounds produced in 1885	Price per pound	Value of product	Gallons produced in 1884 returned by Assessors	Gallons produced in 1885 compared with 1884	Gallons produced in 1885	Price per gallon	Value of product
Adams	5,430	100	5,430	$0 03	$163	234	★89	208	*$1 05	$218
Alexander										
Bond	830	102	847	03	25	2	100	2	75	1
Boone										
Brown	1,120	102	1,142	03	34	60	★89	53	★1 05	56
Bureau	2,005	37	742	05	37	212	★89	189	★1 05	198
Calhoun										
Carroll	610	50	305	07	21	1,605	★89	1,428	★1 05	1,499
Cass						110	50	55	1 00	55
Champaign	565	62	350	07	24	300	100	300	★1 05	315
Christian	6,265	78	4,887	04	195	15	67	10	1 00	10
Clark	1,600	41	656	04	26	120	30	36	2 00	72
Clay	2,550	95	2,422	03	73					
Clinton	10,300	125	12,875	03	386	887	110	976	1 00	976
Coles										
Cook	14,900	70	10,430	04	417	530	75	397	75	298
Crawford	6,230	97	6,043	03	181					
Cumberland	26,697	75	20,023	04	801					
DeKalb	800	85	680	06	41					
DeWitt	510	90	459	06	27					
Douglas	4,740	25	1,185	05	59	62	60	37	★1 05	39
DuPage										
Edgar	7,030	50	3,515	★04	141	205	★89	182	★1 05	191
Edwards	3,370	120	4,044	02	81	25	120	30	★1 05	31
Effingham	1,156	88	1,017	05	51	61	100	61	★1 05	64
Fayette	2,160	105	2,268	04	91	7	100	7	1 00	7
Ford	4,717	★86	4,057	★04	162					
Franklin	50	100	50	03	1					
Fulton	2,048	87	1,782	05	89	1,250	★89	1,112	★1 05	1,168
Gallatin										
Greene	4,755	120	5,706	06	342	105	100	105	★1 05	110
Grundy										
Hamilton										
Hancock	32,045	115	36,852	06	2,211	15,986	115	18,384	★1 05	19,303
Hardin						70	★89	62	1 50	93
Henderson										
Henry	1,020	83	847	04	34	173	100	173	★1 05	182
Iroquois	8,830	★86	7,164	★04	286	9	★89	8	★1 05	8
Jackson	500	100	500	03	15	80	★89	71	★1 05	74
Jasper	10,415	80	8,332	05	417	565	100	565	1 20	678
Jefferson	530	90	477	06	29	800	100	800	1 25	1,000
Jersey	16,410	87	14,277	04	571	1,800	50	900	1 50	1,350
JoDaviess	6,193	85	5,264	04	210	2,275	75	1,706	75	1,279
Johnson										
Kane	400	75	300	05	15					
Kankakee	2,120	55	1,166	06	70					
Kendall	800	25	200	05	10	700	★89	623	★1 05	654
Knox										
Lake	1,200	50	600	04	24					
LaSalle	5,470	70	3,829	05	191	142	★89	126	★1 05	132
Lawrence	8,680	100	8,680	04	347					
Lee	†1,230	100	1,230	★04	49					

GRAPES AND WINE—Continued.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced in 1884 returned by Assessors	Pounds produced in 1885 compared with 1884	Pounds produced in 1885	Price per pound	Value of product	Gallons produced in 1884 returned by Assessors	Gallons produced in 1885 compared with 1884	Gallons produced in 1885	Price per gallon	Value of Product
Livingston	1,630	★86	1,402	‡0.★04	‡56					
Logan	7,415	75	5,561	05	278	25	★89	22	★1 05	23
Macon	7,025	75	5,269	06	316	100	★89	89	★1 05	93
Macoupin	2,270	140	3,178	03	95					
Madison	32,780	97	31,797	03	954	8,000	112	8,960	60	5,376
Marion	330	75	247	05	12					
Marshall	‡1,500	27	405	06	24	‡25	★89	22	★1 05	23
Mason										
Massca										
McDonough										
McHenry	930	56	521	04	21	390	★89	347	★1 05	364
McLean	500	★86	430	05	21	8	★89	7	★1 05	7
Menard	11,500	72	8,280	04	331					
Mercer	1,120	100	1,120	★04	45	112	★89	100	★1 05	105
Monroe	100	95	95	04	4	644	92	592	1 10	651
Montgomery	453	105	476	03	14					
Morgan										
Moultrie						10	★89	9	★1 05	9
Ogle	1,505	90	1,354	10	135	100	100	100	★1 05	105
Peoria						510	★89	454	★1 05	477
Perry	210	100	210	05	10	110	100	110	1 00	117
Piatt	2,300	★86	1,978	★04	79	500	★89	445	★1 05	460
Pike	120	100	120	★04	5					
Pope	20	100	20	05	1	44	95	42	70	29
Pulaski	27,465	105	28,838	04	1,153					
Putnam										
Randolph	3,580	92	3,294	04	132	1,210	100	1,210	★1 05	1,270
Richland	9,894	100	9,894	02	198					
Rock Island	24,600	87	21,402	03	642	408	75	306	1 25	382
Saline	1,501	80	1,201	05	60					
Sangamon	7,773	103	8,006	04	320	1,240	100	1,240	★1 05	1,302
Schuyler	1,785	75	1,339	05	67					
Scott	80	100	80	03	2	236	50	118	★1 05	124
Shelby	1,800	129	2,322	04	93	124	112	139	1 00	139
Stark										
St. Clair	350	80	280	03	8	2,026	50	1,013	★1 05	1,064
Stephenson						180	★89	160	★1 05	168
Tazewell	2,321	62	1,439	06	86	180	75	135	50	67
Union	50	125	62	★04	2					
Vermilion	4,573	53	2,424	★04	97	3	★89	3	★1 05	3
Wabash	210	100	210	04	8					
Warren						3	★89	3	★1 05	3
Washington	660	102	673	03	20	25	150	37	90	33
Wayne	1,863	93	1,732	03	52					
White	2,651	157	4,162	03	125					
Whiteside	900	75	675	06	40	5	★89	4	★1 05	4
Will						740	80	592	1 00	592
Williamson										
Winnebago	500	55	275	07	19					
Woodford						80	★89	71	★1 05	74
Total or average	370,045	89	331,404	$0 04	$13,472	45,428	99	44,936	$0 95	$43,125

★ Estimated. † Six townships not reported. ‡ One township not reported.

APPLES AND PEACHES.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1884 returned by Assessors	Bushels produced in 1885 compared with 1884	Bushels produced in 1885	Price per bushel	Value of product	Bushels produced in 1884 returned by Assessors	Bushels produced in 1885 compared with 1884	Bushels produced in 1885	Price per bushel	Value of product
Adams	127,858	26	33,243	$0 93	$30,916					
Alexander	1,452	★76	1,103	50	551					
Bond	52,813	95	50,172	30	15,052	96	★86	82	$★0 75	$61
Boone	38,848	22	8,546	1 00	8,546					
Brown	31,361	82	25,716	50	12,858					
Bureau	80,929	40	32,372	1 00	32,372	15	★86	13	★75	10
Calhoun	131,109	63	82,599	40	33,040					
Carroll	18,305	105	19,220	1 00	19,220	8	★86	7	★75	5
Cass	15,949	50	7,974	85	6,778	125	★86	107	★75	80
Champaign	165,759	62	102,770	82	84,271	41	★86	35	★75	26
Christian	80,964	81	65,581	32	20,986					
Clark	46,587	75	34,940	50	17,470					
Clay	38,237	137	52,385	50	26,192	25	★86	21	★75	16
Clinton	41,473	150	62,209	35	21,773					
Coles	60,846	85	51,719	47	24,308	50	100	50	1 00	50
Cook	74,997	70	52,498	50	26,249	230	★86	198	★75	148
Crawford	27,231	97	26,414	42	11,094	120	★86	103	★75	77
Cumberland	33,804	88	29,747	46	13,684					
DeKalb	165,817	40	66,327	75	49,745	10	★86	9	★75	7
DeWitt	23,728	30	7,118	1 00	7,118	60	100	60	1 00	60
Douglas	39,982	90	35,984	50	17,992	75	★86	64	★75	48
DuPage	48,630	37	17,993	75	13,495	430	★86	370	★75	277
Edgar	50,968	40	20,387	50	10,193					
Edwards	16,587	100	16,587	35	5,805	120	★86	103	★75	77
Effingham	34,060	113	38,488	47	18,089					
Fayette	52,347	115	60,199	54	32,507	21	100	21	★75	16
Ford	22,524	25	5,631	1 00	5,631					
Franklin	19,051	115	21,909	45	9,859					
Fulton	75,920	47	35,682	1 05	37,466	10	★86	9	3 00	27
Gallatin	131,224	90	118,102	40	47,241	37,305	100	37,305	★75	27,979
Greene	48,213	60	28,928	40	11,571	4	★86	3	★75	2
Grundy	19,820	38	7,532	1 00	7,532					
Hamilton	33,887	★76	25,754	50	12,877					
Hancock	90,205	40	36,082	92	33,195	61	★86	52	★75	39
Hardin	18,060	75	13,545	53	7,179					
Henderson	12,045	32	3,854	1 00	3,854					
Henry	57,707	58	33,470	91	30,458					
Iroquois	159,577	★76	121,278	1 00	121,278	4,635	★86	3,986	★75	2,989
Jackson	36,863	97	35,757	40	14,303	25	★86	21	75	16
Jasper	20,883	125	26,104	50	13,052					
Jefferson	44,521	166	73,905	41	30,301	101	50	50	1 50	75
Jersey	53,942	91	49,087	40	19,635	31	★86	27	★75	20
Jo Daviess	22,814	25	5,703	1 00	5,703					
Johnson	10,846	133	14,425	31	4,472					
Kane	99,203	25	24,801	96	23,809					
Kankakee	36,069	30	10,821	1 00	10,821	255	★86	219	★75	164
Kendall	51,582	22	11,348	80	9,078					
Knox	60,107	21	12,622	1 00	12,622	175	★86	150	★75	112
Lake	87,067	48	41,792	80	33,434					
LaSalle	80,175	39	31,268	90	28,141					
Lawrence	40,497	80	32,398	40	12,959					
Lee	†27,854	100	27,854	1 00	27,854					

APPLES AND PEACHES—Continued.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1884 returned by Assessors	Bushels produced in 1885 compared with 1884.	Bushels produced in 1885	Price per bushel	Value of product	Bushels produced in 1884 returned by Assessors	Bushels produced in 1885 compared with 1884	Bushels produced in 1885	Price per bushel	Value of product
Livingston	62,798	★76	47,726	$0 90	$42,953					
Logan	34,055	75	25,541	1 00	25,541					
Macon	54,078	80	43,262	83	35,907	11	★86	9	‡★0 75	$ 7
Macoupin	67,117	125	83,896	42	35,236	8	★86	7	★75	5
Madison	115,000	135	155,250	40	62,100					
Marion	50,292	150	75,438	40	30,175	11	★86	9	★75	7
Marshall	‡29,290	17	4,979	1 00	4,979					
Mason										
Massac	3,939	127	5,002	40	2,001	200	140	280	40	112
McDonough										
McHenry	86,910	22	19,120	85	16,252					
McLean	72,706	22	15 995	93	14,875					
Menard	67,250	45	30,262	88	26,630					
Mercer	45,532	80	36,426	82	29,869					
Monroe	18,193	102	18,557	50	9,278					
Montgomery	59,035	107	63,167	45	28,425	800	★86	688	★75	516
Morgan										
Moultrie	1,819	63	1,146	50	573					
Ogle	92,951	65	60,418	75	45,313					
Peoria	51,844	41	21,256	1 00	21,256					
Perry	20,768	129	26,791	42	11,252	30	55	16	1 00	16
Piatt	25,698	25	6,424	90	5,782					
Pike	93,359	67	62,550	43	26,896					
Pope	21,348	105	22,415	30	6,724					
Pulaski	25,745	125	32,181	57	18,343	392	100	392	75	294
Putnam	17,990	14	2,519	1 00	2,519					
Randolph	42,853	150	64,279	40	25,712					
Richland	34,129	137	46,757	40	18,703					
Rock Island	37,647	92	34,635	92	32,764					
Saline	44,522	72	32,056	50	16,028	350	★86	301	★75	226
Sangamon	549,340	58	318,617	70	223,032	3,560	★86	3,062	★75	2,296
Schuyler	38,622	30	11,587	75	8,690					
Scott	28,716	45	12,922	60	7,753					
Shelby	91,517	102	93,347	52	48,540					
Stark	15,389	100	15,389	1 00	15,389	100	★86	86	★75	64
St. Clair	26,383	120	31,660	40	12,664	4	★86	3	★75	2
Stephenson	36,690	50	18,345	79	14,492	144	★86	124	★75	93
Tazewell	58,315	35	20,410	1 00	20,410	65	90	58	2 00	116
Union	6,915	150	10,372	30	3,112					
Vermilion	94,498	35	33,074	81	26,790	67	★86	58	1 00	58
Wabash	18,387	108	19,858	47	9,333					
Warren	35,061	39	13,674	82	11,213	20	50	10	3 00	30
Washington	29,159	133	38,781	48	18,614	50	★86	43	★75	32
Wayne	58,685	111	65,140	55	35,827	50	★86	43	★75	32
White	24,054	112	26,940	45	12,123	210	57	120	1 00	120
Whiteside	23,478	50	11,739	75	8,804	420	★86	361	★75	271
Will	57,355	49	28,104	88	24,731	3,095	★86	2,662	★75	1,996
Williamson	53,615	137	73,452	35	25,708	70	★86	60	1 00	60
Winnebago	55,911	63	35,224	80	28,179					
Woodford	40,072	25	10,018	★66	6,612	10	★86	9	★75	7
Total or average	5,480,327	69	3,778,644	$0 61	‡2,292,731	53,695	96	51,466	$0 75	$38,741

★Estimated.
†Six townships not reported.
‡One township not reported.

PEARS, OTHER FRUITS AND BERRIES.

Counties.	Pears.					Other Fruits and Berries		
	Bushels produced in 1884, returned by Assessors	Bushels produced in 1885, compar'd with 1884	Bushels produced in 1885	Price per bushel	Value of product	Value of crop produced in 1884, returned by Assessors	Value of crop in 1885, compared with 1884	Value of crop of 1885
Adams	20	37	7	$*1 10	$8	$19,225	25	$4,806
Alexander						601	100	601
Bond						191	97	185
Boone								
Brown						87	100	87
Bureau						2,353	60	1,412
Calhoun								
Carroll						368	100	368
Cass								
Champaign						1,641	110	1,805
Christian	1	81	1	2 00	2	1,935	72	1,393
Clark	7	30	2	1 50	3	12	85	10
Clay						236	100	236
Clinton	20	110	22	80	18	19,520	75	14,640
Coles								
Cook						175	100	175
Crawford						30	92	28
Cumberland						363	90	327
DeKalb						640	87	557
DeWitt								
Douglas	6,535	100	6,535	★1 10	7,188	435	80	348
DuPage	125	★84	105	★1 10	115	1,255	90	1,129
Edgar	4,070	40	1,628	★1 10	1,791	5,001	40	2,000
Edwards						226	110	249
Effingham								
Fayette	6	105	6	2 00	12	23	100	23
Ford								
Franklin								
Fulton						12,584	110	13,842
Gallatin								
Greene						642	80	514
Grundy						605	100	605
Hamilton								
Hancock						602	80	482
Hardin	5	95	5	60	3			
Henderson								
Henry						675	91	614
Iroquois	31	10	3	★1 10	3	1,477	66	975
Jackson	171	100	171	1 10	188	14,864	90	13,378
Jasper								
Jefferson	11	100	11	95	10	1,247	95	1,185
Jersey	68	75	51	1 00	51	1,798	87	1,564
JoDaviess						1,743	37	645
Johnson						4,890	97	4,743
Kane						248	75	186
Kankakee	20	★84	17	★1 10	19	949	82	782
Kendall								
Knox						4,226	92	3,888
Lake	20	83	17	★1 10	19	1,085	75	814
LaSalle	22	★84	18	★1 10	20	1,347	85	1,145
Lawrence								

PEARS, OTHER FRUITS AND BERRIES—Continued.

Counties.	PEARS.					OTHER FRUITS AND BERRIES		
	Bushels produced in 1884, returned by Assessors	Bushels produced in 1885, compar'd with 1884	Bushels produced in 1885	Price per bushel	Value of product	Value of crop produced in 1884, returned by Assessors	Value of crop in 1885, compared with 1884	Value of crop of 1885
Lee						$†1,330	$100	$ 1,033
Livingston						78,467	100	78,367
Logan						1,221	70	855
Macon	44	60	26	$★1 10	$29	426	62	264
Macoupin	60	110	66	1 25	82	347	127	441
Madison	2,000	120	2,400	1 00	2,400			
Marion						19,196	95	18,236
Marshall						‡465	105	488
Mason								
Massac						95	100	95
McDonough								
McHenry	8	50	4	★1 10	4	1,620	75	1,215
McLean						1,059	110	1,165
Menard								
Mercer						1,985	105	2,084
Monroe	30	77	23	75	17			
Montgomery	6	99	6	1 25	8	15	93	14
Morgan								
Moultrie								
Ogle						2,493	75	1,870
Peoria						2,254	42	947
Perry								
Piatt						150	100	150
Pike						100	100	100
Pope	23	95	22	50	11	34	95	32
Pulaski						46,890	102	47,828
Putnam								
Randolph								
Richland	6	★84	5	★1 10	5			
Rock Island						4,057	87	3,529
Saline								
Sangamon	92	91	84	★1 10	92	2,132	91	1,940
Schuyler						2,175	100	2,175
Scott						350	★89	311
Shelby						25	120	30
Stark								
St. Clair	60	100	60	1 00	60	1,297	100	1,297
Stephenson						370	100	370
Tazewell	20	45	9	1 50	13	3,738	60	2,243
Union	12	150	18	1 00	18	30,567	125	38,209
Vermilion						3,310	83	2,747
Wabash								
Warren						450	97	436
Washington	13	105	14	90	13	4,755	105	4,993
Wayne						141	100	141
White						20	102	20
Whiteside						6,329	100	6,329
Will						2,630	87	2,288
Williamson	100	107	107	1 00	107	642	95	610
Winnebago						4,555	105	4,783
Woodford	8	★84	7	★1 10	8	1,800	75	1,350
Total or average	13,614	84	11,450	$1 05	$12,317	$330,789	$92	$305,123

★Estimated.
†Six townships not reported.
‡One township not reported.

DAIRY PRODUCTS.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1884 returned by Assessors	Gallons sold in 1885 compared with 1884	Gallons sold in 1885	Price per gallon.	Value of product	Gallons sold in 1884 returned by Assessors	Gallons sold in 1885 compared with 1884	Gallons sold in 1885	Price per gallon.	Value of product
Adams	21,120	★103	21,754	$0 ★17	$3,698	5,475	★103	5,639	$*0 49	$2,763
Alexander	63	150	94	20	19					
Bond	129,415	100	129,415	10	12,041	50	100	50	★49	24
Boone	1,132,555	100	1,132,555	13	147,232	70,932	130	92,212	★49	45,184
Brown	2,000	★103	2,060	★17	350	4,928	125	6,160	★49	3,018
Bureau	143,037	100	143,037	★17	24,316	61,551	110	67,706	★49	33,176
Calhoun										
Carroll	69,768	★103	71,861	★17	12,216	104,625	105	108,856	27	29,661
Cass	24,100	110	26,510	20	5,302	50	★103	51	★49	25
Champaign	15,692	100	15,692	20	3,138	1,735	100	1,735	80	1,388
Christian	32,684	100	32,684	20	6,537	6,834	★103	7,039	★49	3,449
Clark	85,859	92	78,990	10	7,899					
Clay	4,857	100	4,857	17	826					
Clinton	107,695	100	107,695	11	11,846	1,080	100	1,080	★49	529
Coles	2,442	125	3,052	14	427					
Cook	7,760,116	108	8,380,925	15	1,257,139	7,588	95	7,209	75	5,407
Crawford	7,768	130	10,098	07	707	205	75	154	★49	75
Cumberland	880	110	968	★17	164					
DeKalb	5,536,552	83	4,595,338	★17	779,207	167,315	100	167,315	★49	81,984
DeWitt	18,140	105	19,047	17	3,238	4,515	160	7,224	30	2,167
Douglas	300	120	360	10	36					
DuPage	6,300,660	105	6,615,693	12	793,883	2,200	100	2,200	★49	1,078
Edgar	13,002	★103	13,392	★17	2,277	150	★103	154	★49	75
Edwards						153	120	184	75	138
Effingham	171,977	100	171,977	★17	29,236	150	100	150	★49	73
Fayette	113	93	105	15	16	1,808	100	1,808	90	1,627
Ford	6,500	★103	6,695	★17	1,138	18,977	★103	19,546	★49	9,577
Franklin										
Fulton	11,856	112	13,279	15	1,992	51,883	116	60,184	50	30,092
Gallatin										
Greene	1,920	100	1,920	25	480	14,935	100	14,935	60	8,961
Grundy	16,720	75	12,540	★17	2,132	77,267	117	90,402	★49	44,297
Hamilton										
Hancock	7,395	100	7,395	★17	1,257	8,680	95	8,246	30	2,474
Hardin										
Henderson	1,375	100	1,375	20	275	12,040	110	13,244	40	5,298
Henry	201,440	100	201,440	11	22,158	30,619	102	31,231	40	12,492
Iroquois	157,580	100	157,580	08	12,606	44,143	120	39,772	30	11,932
Jackson	9,225	★103	9,502	20	1,900					
Jasper	10	125	12	07	1	25	125	31	40	12
Jefferson	58	105	61	20	12	6,737	95	6,400	35	22
Jersey	35,195	100	35,195	15	5,279	547	100	547	40	219
JoDaviess	954	★103	983	★17	167	34,721	★103	35,763	★49	17,524
Johnson										
Kane	12,894,044	112	14,441,329	12	1,732,959	46,281	103	47,669	50	23,834
Kankakee	459,772	100	459,772	★17	78,161	6,804	85	5,783	★49	2,834
Kendall	729,418	102	744,006	09	66,960	8,914	100	8,914	★49	4,368
Knox	5,255	100	5,255	20	1,051	67,432	94	63,386	32	20,283
Lake	2,746,555	100	2,746,555	★17	466,914	350	100	350	★49	171
LaSalle	290,608	93	270,265	★17	45,945	128,053	75	96,040	75	72,030
Lawrence	11,478	★103	11,822	★17	2,010	509	★103	524	★49	257
Lee	42,475	102	2,524	20	505	263,381	105	276,550	45	124,447

DAIRY PRODUCTS--Continued.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1884 returned by Assessors.....	Gallons sold in 1885 compared With 1884 ..	Gallons sold in 1885.....	Price per gallon.	Value of product	Gallons sold in 1884 returned by Assessors	Gallons sold in 1885 compared with 1884.....	Gallons sold in 1885.....	Price per gallon.	Value of product
Livingston...	54,189	100	54,189	$0 13	$7,044	34,901	75	26,176	$0 35	$9,162
Logan.....	7,035	100	7,035	★17	1,196	35,502	105	37,277	★49	18,266
Macon	37,052	100	37,052	15	5,558	4,420	65	2,873	80	2,298
Macoupin....	505,802	137	692,949	16	110,872	770	130	1,001	28	280
Madison.....	384,100	110	422,510	15	63,376	970	97	941	70	659
Marion.....	6,505	100	6,505	20	1,301	2,851	90	2,566	50	1,283
Marshall... ..	‡54,772	★103	56,415	★17	9,590	‡4,380	100	4,380	★49	2,146
Mason	.....	....	.....	.....	.....	.....	.....	.....	.....	.....
Massac.....	70	100	70	25	17	140	★103	144	★49	70
McDonough .	.....	...	.....	.....	.....	.....	.....	.....	.....	.....
McHenry.....	8,285.111	108	8,947,920	14	1,252,709	35,075	117	41,038	50	20,519
McLean.. ...	55,340	★103	57,000	20	11,400	2,315	★103	2,384	★49	1,168
Menard.....	18,250	★103	18,797	25	4,699	700	★103	721	★49	353
Mercer.....	4,875	★103	5,021	★17	853	82,614	★103	85,092	35	29,782
Monroe	50	90	45	20	9	.. ..	.....	.....	...	.....
Montgomery.	30,170	110	33,187	13	4,314	1,300	115	1,495	28	419
Morgan	.....	....	.....	.....	.....	....	.....	.. ..	.....	.....
Moultrie.....	375	100	375	25	94	.....	.....	.....	.....	.....
Ogle.....	123 554	100	123,554	20	24,711	357,464	102	364,613	40	145,845
Peoria	87,580	100	87,580	★17	14,889	1,101	100	1,101	★49	539
Perry	850	95	807	14	113	825	95	784	★49	384
Piatt.....	5,605	★103	5,773	★17	981	10,089	★103	10,392	★49	5,032
Pike... . . .	580	★103	597	★17	101	358	100	358	★49	175
Pope.....	60	95	57	15	8	... .	.....	... .	.....	.....
Pulaski	.....	.....	.....	... .	.....	.....	.....	.....	.....	. .....
Putnam.	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Randolph	1,360	130	1,768	09	159	.....	.....	.. ..	.....	.....
Richland . .	1,700	★103	1,751	13	228	16)	★103	165	★49	81
Rock Island..	164,540	90	148,086	16	23,694	42,784	100	42,784	60	25,670
Saline.....	369	★103	380	20	76	1,350	★103	1,390	25	347
Sangamon ...	77,631	105	81,512	30	24,454	1,437	100	1,437	★49	704
Schuyler.....	193	100	193	★17	33	16,674	110	18,341	30	5,502
Scott.....	966	★103	995	20	199	2,000	★103	2,060	★49	1,009
Shelby.	2,520	94	2,369	20	474	.....	...	.....	.....	.....
Stark	22,100	100	22,100	28	6,188	10,798	102	11,014	100	11,014
St. Clair	74,628	105	78,359	★17	13,321	249	103	256	★49	125
Stephenson..	197.687	100	197,687	★17	33,607	81,873	100	81,873	★49	40,118
Tazewell.....	167,180	102	170,524	25	42,631	.....	.....	.....	.....	.....
Union.....	19,000	★103	19,570	★17	3,327	1,100	★103	1,133	★49	555
Vermilion .	46,010	125	57,512	★17	9,777	3,078	125	3,847	★49	1,885
Wabash	.....	...	.....	.....	.....	.....	.....	.....	.....	.....
Warren	3,416	102	3,484	15	523	31,709	110	34,880	55	19,184
Washington .	3,166	100	3,166	20	633	166	100	166	★49	81
Wayne.....	5,555	★103	5,722	★17	973	25	★103	26	★49	13
White.....	3,874	100	3,874	★17	658	25	100	25	★49	12
Whiteside . .	45,906	100	45,906	14	6,427	259,220	110	285,142	★49	139,719
Will	1,343,090	76	1,020,748	15	153,112	112,387	80	89,910	55	49,450
Williamson..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winnebago..	1,281,282	92	1,178,779	17	200,392	105,216	93	97,851	★49	47,947
Woodford....	12,350	100	12,350	★17	2,099	326	★103	336	★49	165
Total or av.	52,307,076	104	54,321,937	$0 14	$7,583,372	2,509,994	102	2,553,415	$0 46	$1,184,986

★Estimated.
†Six townships not reported.
‡One township not reported.

DAIRY PRODUCTS—Continued.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1884 returned by Assessors	Pounds sold in 1885 compared with 1884	Pounds sold in 1885	Price per pound	Value of product	Pounds sold in 1884 returned by Assessors	Pounds sold in 1885 compared with 1884	Pounds sold in 1885	Price per pound	Value of product
Adams	224,359	90	201,923	$0 16	$32,308	6,700	70	4,690	★$ 11	$516
Alexander	2,587	100	2,587	15	388					
Bond	87,998	93	81,838	12	9,820	551	100	551	★11	61
Boone	445,049	105	467,301	25	116,825	352,920	60	211,752	07	14,823
Brown	108,971	100	108,971	12	13,076	282	★95	268	15	40
Bureau	274,976	104	285,975	18	51,475	92,650	100	92,650	12	11,118
Calhoun	1,180	100	1,180	15	177					
Carroll	460,592	102	469,804	17	79,867	5,880	100	5,880	14	823
Cass	28,312	85	24,065	14	3,369					
Champaign	216,926	100	216,916	13	28,200	3,100	100	3,110	15	466
Christian	158,144	97	153,400	14	21,476	20,960	★95	19,912	15	2,987
Clark	101,848	100	101,848	08	8,148	500	82	410	09	37
Clay	83,877	100	83,877	11	9,226	1,900	100	1,900	★11	209
Clinton	149,360	90	134,424	15	20,164	1,820	100	1,820	09	164
Coles	100,864	95	95,821	18	17,248	200	★95	190	10	19
Cook	494,562	92	454,997	22	100,099	17,600	105	18,480	09	1,663
Crawford	59,062	93	54,928	10	5,493					
Cumberland	68,079	113	76,929	12	9,231	100	100	100	11	11
DeKalb	907,009	103	934,219	20	186,844	275,200	92	253,184	09	22,786
DeWitt	108,046	105	113,448	15	17,017	350	100	350	10	35
Douglas	77,405	110	85,145	12	10,217	1,000	110	1,100	08	88
DuPage	276,440	102	281,969	25	70,492	107,900	95	102,505	★11	11,275
Edgar	159,247	100	159,247	10	15,925					
Edwards	31,555	100	31,555	15	4,733					
Effingham	79,373	100	79,373	15	11,906	150	100	150	10	15
Fayette	98,851	94	92,920	12	11,150					
Ford	141,006	100	141,006	17	23,971					
Franklin	22,758	105	23,896	16	3,823					
Fulton	292,986	106	310,565	14	43,479	2 530	100	2,530	14	354
Gallatin	46,759	100	46,759	15	7,014					
Greene	22,006	100	22,006	20	4,401	1,750	100	1,750	16	280
Grundy	305,819	120	366,983	19	69,727	84,808	75	63,606	13	8,269
Hamilton	10,536	110	11,590	15	1,738					
Hancock	251,535	100	251,535	16	40,246	881	100	881	08	68
Hardin	8 915	100	8,915	17	1,515					
Henderson	52,100	100	52,100	20	10,420	6,000	97	5,820	15	873
Henry	391,109	97	379,376	17	64,494	48,905	95	46,460	14	6,504
Iroquois	569,910	97	552,813	17	93,978	25,155	95	23,897	09	2,151
Jackson	5,685	92	5,230	17	889					
Jasper	49,456	100	49,456	11	5,440	425	102	476	10	48
Jefferson	63,210	90	56,889	16	9,102	200	100	200	11	22
Jersey	61,925	87	53,875	15	8,081					
JoDaviess	577,786	★98	566,230	18	101,921	3,785	★95	3,596	★11	395
Johnson										
Kane	671,671	107	718,688	28	201,233	187,060	80	149,648	08	11,972
Kankakee	468,471	91	426,309	17	72,472	7,365	95	6,997	12	840
Kendall	362,032	102	369,273	19	70,162	47,741	100	47,741	10	4,774
Knox	249,916	99	247,417	18	44,535	39,521	95	37,545	12	4,505
Lake	669,869	103	689,965	24	165,592	74,005	83	61,424	08	4,914
LaLalle	582,290	100	582,290	19	110,635	7,541	100	7,541	09	679
Lawrence	61,261	95	58,198	15	8,730					
Lee	†333,290	100	333,290	22	73,324	†42,655	85	36,257	13	4,713

DAIRY PRODUCTS—Continued.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1884 returned by Assessors	Pounds sold in 1885 compared with 1884	Pounds sold in 1885	Price per pound	Value of product	Pounds sold in 1884 returned by Assessors	Pounds sold in 1885 compared with 1884	Pounds sold in 1885	Price per pound	Value of product
Livingston	534,372	78	416,810	$0 17	$70,858	2,374	★95	2,255	$0 10	$225
Logan	105,280	100	105,280	20	21,056	6,310	100	6,310	15	946
Macon	198,490	75	148,867	17	25 307	950	100	950	12	114
Macoupin	164,888	97	159,941	12	19,193	1,240	110	1,389	11	153
Madison	220,700	101	222,907	22	49,039	27,110	100	27,110	10	2,711
Marion	71,799	95	68,209	15	10,231	475	100	475	★11	52
Marshall	‡131,083	80	104,866	18	18,876	‡152,141	★95	144,534	15	21,680
Mason										
Massac	41,213	102	42,037	18	7,567	100	★95	95	★11	10
McDonough										
McHenry	823,118	98	806,656	26	209,730	285,245	85	497,458	08	39,797
McLean	340,095	100	340,095	18	61,217	1,512	★95	1,436	★11	158
Menard	80,000	100	80.000	13	16,400	1,000	★95	950	10	95
Mercer	239,488	85	203,565	19	38,677	533	90	480	15	72
Monroe	35,464	90	31,918	17	5,426	338	70	272	12	33
Montgomery	169,198	104	196,766	14	27,547	300	100	300	15	45
Morgan										
Moultrie	50,948	105	53,495	11	5,884					
Ogle	749,964	102	764,963	20	152.993	24,500	100	24,500	12	2,940
Peoria	203,965	100	203.965	19	38,677	166,122	100	166,122	11	18,273
Perry	46,952	111	52,117	15	7,817	250	100	250	14	35
Piatt	55,022	★98	53,921	18	9,706	100	★95	95	★11	10
Pike	112,783	100	112,783	13	14,662	7,249	★95	6,886	★11	757
Pope	17,658	100	17,658	25	4,414					
Pulaski	12,014	95	11,413	22	2,511					
Putnam	44,180	102	45,064	20	9,013					
Randolph	108 629	105	114,060	20	22,812	5,300	95	5,035	10	503
Richland	14,660	100	14,660	12	1,759	5,508	★95	5,233	11	576
Rock Island	344,818	92	317,232	21	66,619	2,100	95	1,995	11	219
Saline	20,935	★98	20,516	15	3,077	131	★95	124	15	19
Sangamon	233.999	97	226,979	20	45.396	48	100	48	10	5
Schuyler	101,371	100	101,371	15	15,206	25	100	25	★11	3
Scott	50 248	★98	49,243	14	6,894					
Shelby	182.193	108	196,768	14	27,547					
Stark	89,502	100	89,502	17	15.215					
St. Clair	263,917	110	290,309	20	58,062	53,528	105	56,204	★11	6,182
Stephenson	667,244	100	667,244	19	126.776	58,179	100	58,179	09	5,236
Tazewell	231,576	100	231,576	21	48,631	5,451	100	5,451	13	709
Union	25,606	★98	25.094	25	6,273	115	★95	109	★11	12
Vermilion	186 334	103	191,924	17	32,627	5,025	100	5,025	12	603
Wabash	31,439	100	31,439	15	4,716					
Warren	13,721	88	12,074	20	2,415					
Washington	90,137	103	92,841	14	12,998	1,160	95	1,102	15	165
Wayne	44.899	100	44,899	11	4,939					
White	18,628	96	17,883	15	2,682	20	75	15	15	2
Whiteside	768,560	100	768,560	19	146,026	5,685	90	5,116	12	614
Will	736.190	81	596,314	19	113.300	8,000	85	6,800	10	680
Williamson	25.334	96	24,321	18	4,378	200	★95	190	★11	21
Winnebago	676.644	80	541,315	20	108,263	65.069	80	52,055	14	7,288
Woodford	137,976	100	137,976	★17	23,546	12,971	★95	12,322	★11	1,355
Total or av.	20,610,207	98	20,166,720	$0 19	$3,812,664	2,676,514	86	2,312,266	$0 10	$230,795

★ Estimated.
+ Six townships not reported
‡ One township not reported

BEEF CATTLE AND DAIRY COWS.

COUNTIES.	BEEF CATTLE.								DAIRY COWS.		
	Number of cattle assessed May, 1885.....	†Number marketed, 1885.	Average live weight, lbs	Total live weight, lbs...	Average value per cwt., live weight.....	Total value.....	Supply on hand Dec. 1, 1885, compared with same date 1884.....	Price per cwt., Dec. 1 1885, live weight.....	No. kept 1885, Assessors' returns.....	Value per head.....	Total value.....
Adams.....	23,771	5,467	1,117	6,106,639	$3 85	$235,106	77	$4 00	6,937	$37	$256,669
Alexander...	1,205	277	*1,065	295,005	2 00	5,900	90	2 50	384	25	9,609
Bond.....	8,678	1,996	1,000	1,996,000	3 50	69,860	95	3 35	3,502	37	129,574
Boone.....	21,968	5,053	1,100	5,558,300	3 00	166,749	90	3 00	10,370	36	373,320
Brown.....	12,061	2,774	1,100	3,051,400	4 00	122,056	75	4 00	3,297	42	138,474
Bureau.....	44,547	10,246	1,000	10,246,000	4 25	435,455	96	3 90	10,857	33	358,281
Calhoun.....	3,880	892	950	847,400	3 50	29,659	97	3 25	717	32	22,944
Carroll.....	38,255	8,799	1,000	8,799,000	4 00	351,960	100	3 75	8,592	30	257,760
Cass.....	11,021	2,535	1,325	3,358,875	4 85	162,905	90	4 50	1,630	41	66,830
Champaign..	34,133	7,850	1,200	9,420,000	4 15	390,930	85	4 10	8,487	40	339,480
Christian.....	30,719	7,065	1,220	8,619,300	4 25	366,320	90	4 15	6,317	41	258,997
Clark.....	13,026	2,996	1,066	3,193,736	3 40	108,587	91	3 40	4,194	33	138,402
Clay.....	9,898	2,176	875	1,904,000	2 75	52,360	85	3 00	3,111	26	80,886
Clinton.....	8,456	1,945	*1,065	2,071,425	3 50	72,500	90	3 50	3,990	40	159,600
Coles.....	15,604	3,589	1,225	4,396,525	3 60	158,275	100	2 10	3,867	33	127,611
Cook.....	34,284	7,885	900	7,096,500	4 30	305,149	93	4 20	25,122	37	929,514
Crawford....	10,236	2,354	1,112	2,617,645	3 75	98,162	101	3 55	3,447	36	124,062
Cumberland.	7,617	1,752	1,050	1,839,600	3 40	62,546	95	3 00	2,509	30	75,270
DeKalb.....	49,895	11,476	1,00	11,476,000	4 25	487,730	93	3 35	20,933	35	732,655
DeWitt.....	16,168	3,719	1,118	4,157,842	4 10	170,471	101	3 95	3,855	28	107,940
Douglas.....	17,043	3,920	1,250	4,900,000	4 50	220,500	90	4 50	3,120	30	93,600
DuPage.....	20,571	4,731	1,200	5,677,200	4 25	241,281	97	4 60	16,227	40	649,080
Edgar.....	33,599	7,728	1,400	10,819,200	3 50	378,672	80	3 00	5,998	35	209,930
Edwards.....	7,904	1,818	*1,065	1,936,170	2 75	53,245	100	2 50	2,164	30	64,920
Effingham...	11,044	2,540	1,000	2,540,000	3 25	82,550	85	3 25	3,663	27	98,901
Fayette.....	10,656	2,451	1,050	2,573,550	3 10	79,780	102	3 20	3,259	30	97,770
Ford.....	13,422	3,087	*1,065	3,287,655	3 00	98,630	100	3 50	4,330	35	151,550
Franklin.....	1,877	432	1,050	453,600	2 45	11,113	97	2 40	737	31	22,847
Fulton.....	39,907	9,179	1,150	10,555,850	4 00	422,234	97	4 00	9,971	30	299,130
Gallatin.....	5,333	1,226	800	980,800	3 00	29,424	110	2 50	1,166	25	29,150
Greene.....	19,831	4,561	1,375	6,271,375	4 75	297,890	100	4 50	4,499	40	179,960
Grundy.....	17,474	4,019	1,125	4,521,375	3 85	174,073	100	3 75	5,683	32	181,856
Hamilton....	10,105	2,324	1,000	2,324,000	3 00	69,720	100	3 50	1,780	30	53,400
Hancock.....	33,111	7,615	1,200	9,138,000	3 75	342,675	91	3 60	8,556	32	273,792
Hardin.....	2,492	573	866	496,218	2 50	12,405	100	2 15	755	22	16,610
Henderson...	20,163	4,637	1,175	5,448,475	4 60	250,630	67	3 35	2,932	32	93,824
Henry.....	47,327	10,885	1,200	13,062,000	4 00	522,480	100	4 10	12,952	33	427,416
Iroquois.....	50,632	11,645	1,050	12,227,250	3 75	458,522	100	4 50	15,491	30	464,730
Jackson.....	8,344	1,919	850	1,631,150	3 00	48,934	87	3 10	2,295	25	57,375
Jasper.....	10,394	2,391	950	2,271,450	2 75	62,465	87	3 50	3,350	29	97,150
Jefferson.....	10,451	2,404	967	2,324,668	2 75	63,928	112	2 85	3,250	36	117,000
Jersey.....	8,482	1,951	1,000	1,951,000	3 75	73,162	77	3 75	2,601	40	104,040
Jo Daviess...	47,593	10,946	1,100	12,040,600	4 00	481,624	90	3 50	13,356	35	467,460
Johnson.....	4,121	948	867	821,916	2 40	19,726	45	2 40	.....	...	.....
Kane.....	45,914	10,560	1,150	12,144,000	3 75	455,400	102	3 65	30,936	36	1,113,696
Kankakee....	40,636	9,346	1,200	11,215,200	4 50	504,684	87	4 00	8,088	30	242,640
Kendall.....	22,058	5,073	1,050	5,326,650	3 90	207,739	100	3 60	6,896	33	227,568
Knox.....	50,525	11,621	1,170	13,596,570	4 00	543,863	95	4 05	9,577	33	316,041
Lake.....	22,435	5,160	1,050	5,418,000	4 00	216,720	95	3 70	14,226	38	540,588
LaSalle,.....	52,776	12,138	1,150	13,958,700	4 15	579,286	89	4 50	14,735	44	648,340
Lawrence....	10,275	2,363	*1,065	2,516,595	3 25	81,789	95	3 50	3,407	30	102,210
Lee.....	†28,580	6,573	1,375	9,037,875	4 00	361,515	110	3 50	9,892	30	296,760

BEEF CATTLE AND DAIRY COWS—Continued.

COUNTIES.	BEEF CATTLE.								DAIRY COWS.		
	Number of cattle assessed May, 1885.....	§Number marketed, 1885	Average live weight, lbs	Total live weight, lbs....	Average value per cwt., live weight	Total value.....	Supply on hand Dec. 1, 1885, compared with same date 1884.....	Price per cwt., Dec. 1, 1885, live weight.....	No. kept 1885, Assessors' returns.....	Value per head.....	Total value.....
Livingston ..	44,182	10,162	966	9,816,492	$5 10	$500,641	102	$3 10	14,038	$39	$547,482
Logan.....	24,173	5,560	1,300	7,228,000	3 40	245,752	100	3 60	4,516	42	189,672
Macon	22,757	3,234	1,200	6,280,800	4 10	257,513	75	4 00	5,385	42	226,170
Macoupin....	28,184	6,482	1,100	7,130,200	4 00	285,208	80	3 80	7,602	37	281,274
Madison.....	13,634	3,136	837	2,624,832	4 10	107,618	97	4 25	6,570	37	243,090
Marion.....	10,250	2,357	1,000	2,357,000	3 00	70,710	80	2 50	3,010	25	75,250
Marshall	‡16,907	3,889	*1,065	4,141,785	*3 70	153,246	100	4 50	3,334	35	116,690
Mason.....	...	.....	.....	.....	.....	.....	.....	...	.....	...	.....
Massae	3,372	775	600	465,000	*3 70	17,205	91	2 75	1,271	25	31,775
McDonough .	.....	....	.....	.....	...	.....	.....	.....	.....	..	.....
McHenry.....	50,448	11 603	950	11,022,850	3 60	396,823	95	3 85	28,117	40	1,124,680
McLean	54,474	12,529	1,256	15,736.424	4 35	684,534	95	4 40	10,791	43	464,013
Menard ...	12,000	2,760	1,320	3,643,200	5 00	182,160	95	4 75	2,500	39	97,500
Mercer.....	35,488	8,162	1,190	9,712,780	4 40	427,362	63	4 40	7,312	40	292,480
Monroe	3,337	767	800	613,600	3 25	19,942	110	3 25	1,843	32	58,976
Montgomery.	21,383	4,918	975	4,795,050	3 75	179,814	97	3 75	5,172	34	175,848
Morgan	19,453	4,474	1,275	5,704,350	4 75	270.957	97	4 50	....	...	.....
Moultrie	8,487	2,182	1,238	2,701,316	3 70	99,949	93	4 10	1,981	39	77,259
Ogle.....	74,481	17,131	1,050	17,987,550	3 35	602,583	100	3 75	17,696	30	530,880
Peoria	27,248	6,267	1,150	7,207,050	3 70	266,661	84	3 65	6,371	41	261,211
Perry.....	6,083	1,399	950	1,329,050	2 80	37,213	92	2 70	1,169	29	32,161
Piatt	7,631	1,755	*1,065	1,869,075	*3 70	69,156	....	.....	2,231	40	89,240
Pike.....	17,975	4,134	1,175	4,857,450	4 20	204,013	100	4 40	5,426	38	206,188
Pope	4,628	1,064	900	957,600	*3 70	35,431	85	2 50	1,620	30	48,600
Pulaski	2,395	551	1,000	551,000	2 35	12,948	95	2 50	634	32	20,288
Putnam.....	8,081	1,859	1,166	2,167,594	4 20	91,039	133	4 15	1,818	37	67,266
Randolph	8,709	2.093	1,050	2,103,050	3 35	70,452	100	2 75	4,145	30	124,350
Richland.....	10,218	2,350	900	2,115,000	2 50	52,875	102	2 25	2,864	30	84,120
Rock Island..	23,414	3,385	992	3,357.920	3 50	117,527	87	4 15	6,837	36	246,132
Saline..	4,982	1,146	750	859,500	2 10	18,049	95	2 35	2,184	26	56,784
Sangamon ...	40,800	9,384	1,117	10,481,928	4 40	461,205	103	4 25	7,601	45	342,045
Schuyler	17,612	4,051	*1,065	4,314,215	4 50	194,144	100	4 00	4,243	30	127,290
Scott	9,352	1,461	1.250	1,826,250	4 50	82,181	90	4 50	1,747	46	80,362
Shelby.....	26,231	5,573	1,145	6,381,085	4 20	268,005	100	3 60	5,694	36	204,984
Stark	14,246	3,276	1,200	3,931 200	4 10	161,179	100	3 80	3,685	41	151,085
St. Clair.....	11,372	2,615	1,000	2,615,000	3 75	98,062	110	4 00	5,950	30	178,500
Stephenson ..	38,427	8,838	1,000	8,838,000	3 75	331,425	105	3 45	12,170	36	438,120
Tazewell	62,884	14,463	1,150	16,632,450	4 05	673,614	96	4 20	6,033	45	271,485
Union.. ..	4,238	975	900	877.500	2 50	21,937	120	2 50	1,071	40	42,840
Vermilion....	37,129	8,540	1,266	10,811,640	4 25	459,495	91	4 10	7,662	43	329,466
Wabash	5,754	1,323	833	1,102,059	3 15	34,715	88	2 90	1,146	32	36,672
Warren	36,369	8,365	1,225	10,247,125	4 30	440,626	100	4 45	5,428	33	179,124
Washington .	10,110	2,325	775	1,801,875	3 25	58,561	100	4 50	3,990	30	119,700
Wayne.	15,999	5,180	1,033	5,350,940	3 40	181,932	83	3 35	4,177	25	104,425
White..	10,603	2,439	905	2,317,050	3 10	71,828	95	3 00	2,343	27	63,261
Whiteside....	44,581	10,254	985	10,100,190	3 80	383,807	45	3 90	16,195	30	488,850
Will	37,952	8,729	917	8,004,493	4 60	368,207	80	4 60	28,725	35	655,235
Williamson ..	4,989	1,147	900	1,032,300	2 60	26,840	105	2 50	1,871	28	52,444
Winnebago ..	34,640	7,967	1,000	7,967,000	3 85	306,729	97	3 65	13,183	40	527,480
Woodford....	21,900	5,037	1,100	5,540,700	3 50	193,924	100	4 00	4,837	*34	164,220
Total or av.	2,166,059	497,586	1,101	548,126,905	$3 95	$21,595,137	93	$3 60	642,070-3	$35	$22,751,170

§Twenty-three per cent. of number assessed.

†Six townships not reported.

* Estimated.

‡One township not reported.

HOG PRODUCT.

COUNTIES.	Number of hogs assessed May, 1885	†Number marketed, 1885	Average live weight—pounds	Total live weight—pounds	Average value per cwt.—live weight	Total value, live weight	Supply on hand Dec. 1, 1885, compared with Dec. 1, 1884	Price per cwt. Dec. 1, 1885—live weight
Adams	75,801	62,915	243	15,288,345	$3 40	$519,804	50	$3 55
Alexander	2,537	2,106	250	526,500	2 50	13,162	110	3 00
Bond	16,598	13,776	225	3,099,600	3 50	108,486	80	3 25
Boone	28,020	23,257	212	4,930,484	3 45	170,102	77	3 25
Brown	27,639	22,940	250	5,735,000	3 50	200,725	65	3 40
Bureau	94,721	78,618	240	18,868,320	3 60	679,259	63	3 40
Calhoun	12,178	10,108	210	2,122,680	3 65	77,478	62	3 40
Carroll	61,969	51,434	250	12,858,500	3 75	482,194	105	3 35
Cass	21,547	17,884	245	4,381,580	3 50	153,355	80	3 15
Champaign	71,208	59,103	252	14,893,956	3 40	506,394	95	3 25
Christian	70,000	58,100	192	11,155,200	3 30	368,122	54	3 20
Clark	19,276	15,999	247	3,951,753	2 85	112,625	83	3 45
Clay	12,456	10,338	222	2,295,036	3 00	68,851	102	2 45
Clinton	16,115	13,375	180	2,407,500	3 75	96,281	100	3 50
Coles	32,642	27,093	237	6,421,041	3 55	227,947	97	3 60
Cook	16,851	13,986	240	3,356,640	4 20	140,979	94	3 90
Crawford	17,031	14,136	221	3,124,056	3 50	109,342	89	3 35
Cumberland	11,508	9,552	208	1,986,816	3 25	64,571	83	3 15
DeKalb	59,475	49,364	227	11,205,628	3 40	380,991	66	3 45
DeWitt	91,659	76,077	228	17,345,556	3 70	641,785	80	3 25
Douglas	32,664	27,111	220	5,964,420	3 25	193,844	70	3 25
DuPage	20,173	16,743	237	3,968,091	3 50	138,883	100	3 20
Edgar	41,495	34,441	225	7,749,225	2 50	193,731	80	2 75
Edwards	11,914	9,889	220	2,175,580	3 00	65,267	100	3 35
Effingham	13,118	10,888	200	2,177,600	3 75	81,660	92	3 25
Fayette	16,504	13,698	207	2,835,486	3 25	92,153	101	3 10
Ford	17,968	14,813	⋆232	3,436,616	3 75	128,873	25	3 00
Franklin	6,478	5,377	193	1,037,761	3 40	35,284	100	3 05
Fulton	109,615	90,980	232	21,107,360	3 85	812,633	75	3 25
Gallatin	16,062	13,331	200	2,666,200	3 50	93,317	90	3 00
Greene	43,046	35,728	275	9,825,200	4 00	393,008	90	3 50
Grundy	13,066	10,845	233	2,526,885	3 65	92,231	85	3 30
Hamilton	18,739	15,553	220	3,421,660	3 50	119,758	110	3 00
Hancock	63,272	52,516	240	12,603,840	3 35	422,229	93	3 30
Hardin	30,188	25,056	217	5,437,152	3 15	171,270	75	3 10
Henderson	41,558	34,493	237	8,174,841	3 30	269,770	70	3 10
Henry	116,945	97,064	253	24,557,192	3 60	884,059	93	3 40
Iroquois	54,891	45,559	275	12,528,725	3 35	419,712	92	3 30
Jackson	16,055	13,326	190	2,531,940	3 50	88,618	102	3 50
Jasper	13,848	11,494	212	2,436,728	3 25	79,194	55	3 35
Jefferson	18,343	15,225	225	3,425,625	3 40	116,471	120	3 05
Jersey	24,458	20,300	237	4,811,100	3 95	190,038	87	3 35
JoDaviess	54,678	45,383	270	12,253,410	3 20	392,109	75	3 25
Johnson	10,871	9,023	225	2,030,175	3 00	60,905	93	3 00
Kane	28,727	23,843	250	5,960,750	3 65	217,567	91	3 45
Kankakee	23,598	19,586	225	4,406 850	3 30	145,426	92	3 25
Kendall	29,859	24,783	237	5,873,571	3 50	205,575	75	3 25
Knox	113,555	94,251	248	23,374,248	3 55	829,786	72	3 05
Lake	16,112	13,373	243	3,249,639	3 45	112,112	98	3 35
LaSalle	86,530	71,820	255	183,141,00	3 75	686,779	51	3 35
Lawrence	17,357	14,406	200	2,881,200	3 00	86,436	100	3 25
Lee	‡24,822	20,602	240	4,944,480	3 25	160,696	105	3 25

HOG PRODUCT—Continued.

COUNTIES.	Number of hogs assessed May, 1885	†Number marketed, 1885	Average live weight—pounds	Total live weight—pounds	Average value per cwt.—live weight	Total value, live weight	Supply on hand Dec. 1, 1885, compared with Dec. 1, 1884	Price per cwt. Dec. 1, 1885—live weight
Livingston	96,551	80,137	258	20,675,346	$3 30	$682,286	33	$3 50
Logan	82,558	68,523	252	17,267,796	3 05	526,668	92	3 35
Macon	61,355	50,925	227	11,559,975	3 75	433,499	75	3 35
Macoupin	70,359	58,398	240	14,015,520	3 25	455,504	63	3 25
Madison	26,997	22,407	212	4,750,284	3 90	185,261	92	3 65
Marion	14,406	11,957	200	2,391,400	3 00	71,742	80	2 75
Marshall	§46,440	38,545	*232	8,942,440	3 75	335,341	82	3 50
Mason								
Massac	7,474	6,203	200	1,240,600	3 65	45,282	80	3 35
McDonough								
McHenry	37,263	30,928	247	7,639,216	3 60	275,012	97	3 65
McLean	138,445	114,909	227	26,084,343	3 55	925,994	81	3 35
Menard	20,000	16,600	235	3,901,000	3 60	140,436	87	3 05
Mercer	77,516	64,338	275	17,692,950	3 40	601,560	99	3 40
Monroe‡	9,300	7,719	210	1,620,990	3 75	60,787	95	3 25
Montgomery	43,426	36,043	240	8,650,320	3 35	289,786	81	3 35
Morgan	20,646	17,136	244	4,181,184	3 55	148,432	80	3 25
Moultrie	21,782	18,079	210	3,796,590	3 45	130,982	85	3 20
Ogle	102,264	84,879	275	23,341,725	3 75	875,315	95	3 50
Peoria	68,227	56,628	300	16,988,400	3 45	586,100	55	3 50
Perry	8,792	7,297	182	1,328,054	3 00	39,842	105	3 00
Piatt	14,307	11,875	232	2,755,000	3 50	96,425	25	3 50
Pike	48,646	40,376	231	9,326,856	3 60	345,094	82	3 25
Pope	8,770	7,279	200	1,455,800	*3 45	50,225	85	5 00
Pulaski	5,173	4,293	172	738,396	3 50	25,844	82	4 50
Putnam	14,538	12,066	250	3,016,500	3 60	108,594	58	3 45
Randolph	17,695	14,687	212	3,113,644	3 60	112,091	102	3 25
Richland	21,636	17,958	250	4,489,500	3 10	139,174	105	3 40
Rock Island	39,110	32,461	235	7,628,335	3 45	263,177	83	3 40
Saline	14,645	12,155	232	2,819,960	3 00	84,599	75	3 00
Sangamon	68,119	56,539	205	11,590,495	3 60	417,258	100	3 25
Schuyler	35,278	29,281	232	6,793,192	3 50	237,762	100	3 35
Scott	24,460	20,302	237	4,811,574	3 65	175,622	68	3 20
Shelby	45,452	37,725	242	9,129,450	3 60	328,660	84	3 25
Stark	52,212	43,336	300	13,000,800	3 65	474,529	95	3 50
StClair	23,926	19,858	250	4,964,500	3 50	173,757	115	3 75
Stephenson	66,101	54,864	270	14,813,280	3 65	540,685	97	4 00
Tazewell	63,407	52,628	235	12,367,580	3 40	420,498	94	2 80
Union	9,703	8,053	250	2,013,250	3 50	70,464	110	3 00
Vermilion	52,116	43,256	208	8,997,248	3 35	301,408	88	3 20
Wabash	11,697	9,708	216	2,096,928	3 60	75,489	85	3 35
Warren	91,908	76,284	229	17,469,036	3 55	620,151	67	3 35
Washington	14,331	11,985	225	2,696,625	3 00	80,899	100	3 00
Wayne	24,626	20,439	193	3,944,727	3 25	128,204	103	3 05
White	32,414	26,904	199	5,373,896	3 45	185,399	70	3 25
Whiteside	56,132	46,589	294	13,697,166	3 50	479,400	105	3 45
Will	29,615	24,580	273	6,710,340	3 85	258,348	77	3 75
Williamson	12,805	10,628	217	2,306,276	3 10	71,494	101	2 95
Winnebago	44,771	37,160	266	6,168,560	3 35	206,647	68	3 15
Woodford	54,896	45,564	200	9,112,800	3 25	296,166	75	3 50
Total or average	3,858,030	3,202,145	239	764,111,688	$3 50	$26,673,739	84	$3 30

†Eighty-three per cent. of number assessed.
*Estimated.
‡Six townships not reported.
§One township not reported.

FAT SHEEP.

Counties.	Number of Sheep assessed May 1885.....	§Number marketed, 1885.....	Average live weight—pounds	Total live weight—pounds.....	Average value per cwt.—live weight...	Total value.....	Supply on hand Dec. 1, 1885, compared with Dec. 1, 1884....	Price per cwt. Dec. 1, 1885—live weight,..
Adams	15,369	3,381	107	361,767	$3 35	$12,119	70	$3 10
Alexander	566	124	120	14,880	1 50	223	80	2 00
Bond	13,085	2,879	90	259,110	2 85	7.385	102	2 75
Boone	7,748	1,704	85	144,840	3 00	4,345	75	3 00
Brown	12,697	2,793	95	265,335	2 75	7,297	75	2 35
Bureau	8,402	1,848	106	195,888	2 90	5,681	95	2 75
Calhoun	1,237	272	90	24,480	2 50	612	100	3 00
Carroll	3,041	669	110	73,396	3 00	2,202	66	3 25
Cass	1,385	305	★99	30,195	★2 85	860	.....	.....
Champaign	12,438	2,736	90	246,240	2 00	4,925	80	2 00
Christian	17,943	3.947	93	367,071	2 75	10,094	80	2 60
Clark	11,682	2,570	97	249,290	2 45	6,108	91	2 45
Clay	14,734	3,241	100	324,100	2 35	7,616	72	2 50
Clinton	8,828	1,942	★99	192,258	★2 85	5,479	.....	.....
Coles	6,870	1,511	100	151,100	2 75	4,155	75	2 50
Cook	2,600	572	95	54,340	3 30	1,793	90	3 55
Crawford	20,317	4,470	93	415,710	2 25	9,353	95	2 60
Cumberland	4,963	1,092	105	114,660	2 25	2,580	95	2 40
DeKalb	5,988	1,317	★99	130,383	3 00	3,911	87	3 50
DeWitt	15,178	3,339	95	317,205	2 65	8,406	85	2 60
Douglas	8,238	1,812	100	181,200	3 50	6,342	100	3 00
DuPage	4,367	961	90	86,490	3 00	2,595	75	2 50
Edgar	18,326	4,032	90	362.880	2 00	7,258	50	2 00
Edwards	13,940	3,067	★99	303,633	3 50	10,627	100	4 00
Effingham	8,009	1,762	75	132,150	3 25	4,295	98	3 00
Fayette	14,197	3,123	90	281,070	3 00	8,432	96	2 60
Ford	2,738	602	★99	59,598	4 00	2,384	25	4 00
Franklin	2,559	563	82	46,166	2 00	923	100	2 15
Fulton	22,556	4,962	110	545,820	2 75	15,010	92	2 40
Gallatin	3,919	862	★99	85,338	★2 85	2,432	.....	.....
Greene	8,992	1,978	130	257,140	3 00	7,714	100	3 00
Grundy	3,076	677	100	67,700	3 00	2,031	35	3 25
Hamilton	10,458	2,301	90	207,090	2 50	5,177	100	2 50
Hancock	6,862	1,510	★99	149,490	★2 85	4,260	112	.....
Hardin	2,506	551	77	42,427	2 00	848	95	2 00
Henderson	2,659	585	90	52,650	2 50	1,316	75	2 06
Henry	6,948	1,528	125	191,000	3 25	6,207	90	3 25
Iroquois	8,527	1,876	★99	185,724	★2 85	5,293	.....	.....
Jackson	9,225	2,029	102	206,958	3 00	6,209	87	2 75
Jasper	10,441	2,297	112	257,264	2 25	5,788	87	2 10
Jefferson	11,745	2,584	110	284,240	2 60	7,390	90	2 50
Jersey	6,989	1,537	100	153,700	3 00	4,611	100	3 00
JoDaviess	8,503	1,871	90	168,390	3 50	5,894	90	3 00
Johnson	5,662	1,246	125	155,750	2 10	3,271	95	2 10
Kane	7,238	1,592	95	151,240	3 00	4,537	97	3 00
Kankakee	2,310	508	★99	50,292	★2 85	1,433	.....	.....
Kendall	5,817	1,280	90	115,200	3 00	3,456	80	3 00
Knox	11,931	2,625	123	322,875	3 55	11,462	106	3 05
Lake	52,206	11,485	100	1,148,500	2 85	32,732	73	3 50
LaSalle	14,086	3,099	88	272,712	3 55	9,681	88	3 25
Lawrence	13,658	3,005	★99	297,495	3 50	10,412	85	3 20

FAT SHEEP—Continued.

Counties.	Number of Sheep assessed May, 1885	§Number marketed, 1885	Average live weight—pounds	Total live weight—pounds	Average value per cwt.—live weight	Total value	Supply on hand Dec. 1, 1885, compared with Dec. 1, 1884	Price per cwt. Dec. 1, 1885—live weight
Lee	†2,385	525	81	42,525	$3 00	$1,276	60	$ 3 00
Livingston	8,445	1,858	100	185,800	4 00	7,432	91	4 00
Logan	9,289	2,043	125	255,375	★2 85	7,278	110	.....
Macon	7,135	1,570	105	164,850	3 00	4,945	50	3 00
Macoupin	22,845	5,026	96	482,496	2 90	13,992	83	3 00
Madison	12,410	2,730	95	259,350	3 40	8,818	98	3 10
Marion	13,125	2,887	★99	285,813	3 25	9,289	95	2 50
Marshall	‡7,856	1,728	★99	171,072	★2 85	4,875	.....	.....
Mason	.....	.....	.....	.....	.....	.....	.....	.....
Massac	1,271	280	90	25,200	2 25	567	90	2 10
McDonough	.....	.....	.....	.....	.....	.....	.....	.....
McHenry	31,036	6,828	85	580,380	2 85	16,541	44	3 50
McLean	26,993	5,938	90	534,420	3 25	17,369	90	3 05
Menard	5,800	1,276	90	114,840	3 00	3,445	75	2 75
Mercer	6,332	1,393	98	136,514	3 00	4,095	77	3 00
Monroe	2,074	456	75	34,200	2 75	1,540	77	3 00
Montgomery	19,534	4,297	95	408,215	2 85	11,634	86	3 95
Morgan	7,601	1,672	110	183,920	2 75	5,058	92	2 75
Moultrie	3,780	832	97	80,704	3 75	3,026	100	3 50
Ogle	7,552	1,661	115	166,100	3 00	4,983	100	4 00
Peoria	11,162	2,456	115	282,440	2 90	8,191	49	3 10
Perry	4,587	1,009	88	88,792	2 40	2,131	83	3 30
Piatt	1,829	402	★99	39,798	★2 85	1,134	100	3 00
Pike	14,142	3,111	95	295,545	3 00	8,866	77	2 50
Pope	5,026	1,106	★99	109,494	2 00	2,190	85	3 00
Pulaski	1,752	385	120	46,200	1 50	693	105	3 00
Putnam	2,838	624	112	69,888	3 75	2,621	105	3 10
Randolph	10,620	2,336	100	233,600	2 50	5,840	75	2 00
Richland	15,835	3,484	90	313,560	2 25	7,055	100	2 50
Rock Island	2,642	581	75	43,575	4 00	1,743	100	3 75
Saline	7,198	1,583	★99	156,717	2 00	3,134	77	2 00
Sangamon	19,543	4,299	100	429,900	3 15	13,542	93	3 40
Schuyler	5,983	1,316	★99	130,284	★2 85	3,713	90	.....
Scott	3,705	815	80	65,200	3 00	1,956	50	3 50
Shelby	21,294	4,685	94	440,390	3 65	16,074	92	3 65
Stark	5,444	1,198	★99	118,602	2 75	3,261	95	2 15
St. Clair	5,845	1,286	120	154,320	3 25	5,015	90	2 50
Stephenson	7,471	1,644	100	164,400	3 00	4,932	100	3 25
Tazewell	10,115	2,225	117	260,325	2 25	5,857	102	2 25
Union	3,484	766	100	76,600	2 50	1,915	100	2 50
Vermilion	26,389	5,805	100	580,500	2 50	14,512	100	2 50
Wabash	6,542	1,439	103	148,217	2 35	3,483	72	2 35
Warren	5,882	1,294	97	125,518	3 00	3,765	87	3 00
Washington	6,898	1,517	100	151,700	2 00	3,034	100	2 50
Wayne	18,582	4,088	102	416,976	2 40	10,007	88	2 35
White	7,977	1,755	120	210,600	2 10	4,423	95	1 85
Whiteside	5,182	1,140	95	108,300	3 25	3,520	.....	3 25
Will	3,833	843	95	80,085	3 50	2,803	90	4 25
Williamson	8,374	1,842	94	173,148	2 20	3,809	101	2 05
Winnebago	9,034	1,987	80	158,960	3 50	5,564	95	3 00
Woodford	5,503	1,211	125	151,375	2 25	3,406	100	2 00
Total or average	953,933	209,854	98	20,691,213	$2 85	$589,516	88	$2 75

§Twenty-two per cent. of number assessed.
★Estimated.
†Six townships not reported.
‡One " " "

WOOL.

Counties.	Number of pounds shorn in 1884—Assessors' returns.	Clip of 1885 compared with 1884.	Number of pounds shorn in 1885	Price per pound...	Value of product.
Adams	63,892	85	54,308	$0 20	$10,862
Alexander	1,293	110	1,422	30	425
Bond	46,124	97	44,740	19	8,501
Boone	35,917	75	26,938	24	6,465
Brown	43,579	100	43,579	19	8,280
Bureau	55,011	95	52,260	16	8,362
Calhoun	2,779	100	2,779	20	556
Carroll	20,8 3	64	13,314	2[illegible]	2,663
Cass	7,25[illegible]	100	7,250	★21	1,522
Champaign	63,867	75	47,900	17	8,413
Christian	75,358	103	77,619	21	16,200
Clark	39,752	100	39,752	22	8,745
Clay	39,989	85	33,991	19	6,458
Clinton	35,252	97	34,194	★21	7,181
Coles	62,673	90	56,405	26	14,665
Cook	10,102	100	10,102	★21	2,121
Crawford	73,754	1[illegible]0	73,754	22	16,226
Cumberland	30,332	80	24,266	22	5,338
DeKalb	39,922	83	33,135	17	5,663
DeWitt	67,909	90	61,118	★21	12,835
Douglas	41,150	82	33,743	22	7,422
DuPage	21,630	80	17,304	★21	3,634
Edgar	93,297	100	93,297	16	14,927
Edwards	46,497	★92	42,777	18	7,700
Effingham	27,009	100	27,009	21	5,672
Fayette	49,638	98	48,645	25	12,161
Ford	17,516	80	14,013	★21	2,943
Franklin	6,013	102	6,133	27	1,656
Fulton	107,093	90	96,384	20	19,277
Gallatin	15,055	100	15,055	★21	3,161
Greene	35,582	110	39,140	20	7,828
Grundy	10,979	65	7,136	★21	1,498
Hamilton	25,321	70	17,725	★21	3,722
Hancock	28,923	100	28,923	20	5,785
Hardin	6,111	75	4,583	25	1,146
Henderson	13,295	97	12,896	22	2,837
Henry	40,013	90	36,012	18	6,482
Iroquois	41,159	95	39,101	★21	8,211
Jackson	15,301	1[illegible]0	15,301	★21	3,213
Jasper	39,348	97	38,267	22	8,419
Jefferson	35,191	100	35,191	22	7,742
Jersey	45,373	93	42,197	20	8,439
JoDaviess	43,179	95	41,020	16	6,563
Johnson	17,786	103	18,319	27	4,946
Kane	43,197	85	36,717	25	9,179
Kankakee	11,744	99	11,627	★21	2,442
Kendall	35,806	92	32,941	21	6,918
Knox	60,218	90	54,196	20	10,812
Lake	254,223	80	203,378	27	54,912
LaSalle	67,423	98	66,[illegible]74	23	15,197
Lawrence	51,602	100	51,602	22	11,352
Lee	†18,095	88	15,924	15	2,389

WOOL--Continued.

Counties.	Number of pounds shorn in 1884—Assessor's returns.	Clip of 1885 compared with 1884.	Number of pounds shorn in 1885.	Price per pound.	Value of product.
Livingston	34,810	103	35,854	$19	$6,812
Logan	31,390	100	31,390	18	5,650
Macon	32,731	79	25,857	18	4,654
Macoupin	104,335	95	99,118	18	17,841
Madison	64,250	93	59,752	19	11,352
Marion	48,457	78	37,796	★21	7,937
Marshall	‡40,235	105	42,247	★21	8,872
Mason	.....	.....	.....	.....	.....
Massac	3,335	100	3,335	32	1,067
McDonough	.....	.....	.....	.....	.....
McHenry	183,377	87	159,537	25	39,884
McLean	112,753	87	98,095	20	19,619
Menard	15,000	80	12,000	22	2,640
Mercer	31,807	92	29,262	16	4,682
Monroe	6,857	100	6,857	21	1,440
Montgomery	79,740	99	78,943	20	15,789
Morgan	.....	.....	.....	.....	.....
Moultrie	11,596	93	10,784	19	2,049
Ogle	75,419	93	70,139	30	21,042
Peoria	49,147	88	43,249	17	7,352
Perry	11,017	96	10,576	27	2,855
Piatt	10,055	100	10,055	20	2,011
Pike	57,517	93	53,491	22	11,768
Pope	16,784	75	12,588	20	2,518
Pulaski	7,510	110	8,261	22	1,817
Putnam	18,916	92	17,402	18	3,132
Randolph	40,023	85	34,019	20	6,804
Richland	58,567	98	57,396	17	9,757
Rock Island	12,352	91	11,240	17	1,911
Saline	21,275	90	19 147	25	4,787
Sangamon	75,492	95	71,717	20	14,343
Schuyler	23,157	1 0	23,157	22	5,094
Scott	18,845	90	16,961	19	3,222
Shelby	84,938	93	78,992	21	16,588
Stark	38,052	89	33,866	19	6,434
St. Clair	21,307	95	20,242	★21	4,251
Stephenson	38,977	80	31,182	21	6,548
Tazewell	43,824	86	37,689	16	6,030
Union	10,099	80	8,079	30	2,423
Vermilion	153,180	90	137,862	20	27,572
Wabash	23,706	91	21,572	20	4,314
Warren	30,982	81	25,095	23	5,772
Washington	23,973	95	22,774	26	5,921
Wayne	60,341	102	61,548	20	12,310
White	23,717	93	22,056	23	5,073
Whiteside	29,759	★92	27,379	★21	5,749
Will	18,915	97	18,347	29	5,321
Williamson	18,547	102	18,918	30	5,675
Winnebago	75,824	100	75,824	30	22,747
Woodford	21,030	97	20,399	★21	4,284
Total or average	4,194,245	91	3,833,505	$0 21	$815,509

★Estimated.
†Six townships not reported.
‡One " " "

Mean Temperature at Stations in Illinois.

STATIONS.	1878	1879	1880	1881	1882	1883	1884	1885	Ave.
NORTHERN DIVISION.									
County. *Post Office.*									
McHenry.....Marengo.....	47.°17	45.°67	46.°67	46.°39	46.°12	42.°44	43.°97	41.°84	45.°03
Winnebago.....Durand.....	.....	.....	46.46	.....	.....	.....	.....	.....	46.46
Boone.....Belvidere	.....	46.83	.....	.....	.....	.....	.....	.....	46.83
Cook.....Chicago.....	.....	.....	.....	49.72	49.60	46.32	48.18	46.47	48.06
Kane.....Elgin.....	.....	46.92	47.67	.....	.....	.....	.....	.....	47.29
Kane .....Aurora.....	.... .	.....	.....	.....	.....	45.88	47.76	...	46.82
DeKalb.....Sycamore.....	.....	.....	.....	.....	....	43.92	44.56	42.29	43.59
Ogle.....Polo	.....	.....	.....	.....	....	42.87	.....	.....	42.87
Lee.....Prairieville....	.....	.....	.....	.....	49.25	.....	.....	45.54	47.39
Whiteside.....Morrison.....	.....	.....	....	48.55	.....	.....	....	.....	48.55
RockIsland.....Davenport, (Ia)	.....	.....	...	.....	.....	.....	.....	46.85	46 85
Stark.....Elmira.....	48.55	...	47.39	47.29	47.24	.. . :	...	..	47.62
Peoria..... .. ..Peoria.....	54.33	53.08	52.82	52.89	53.19	50.05	52.12	50.22	52.34
Warren.....Monmouth ...	.....	.....	.....	... ..	52.01	... ..	. .	.....	52 01
Mean...	50.02	48.12	48.20	48.97	49.57	45.25	47.32	45.53	47.87
CENTRAL DIVISION.									
Hancock.....Augusta.....	52.17	51.08	.....	.....	.....	.....	.....	.....	51.62
Hancock..... .....Keokuk, (Ia.)..	.....	.....	.....	.....	....	.....	.....	48.30	48 30
Fulton..... ..Canton...	..	... ..	.....	51.66	.....	.....	.....	.....	51.66
McDonough .....Prairie City....	.....	.....	.....	51.33	.....	.....	.....	.....	51.33
Champaign.....Champaign ...	.....	.....	.....	51.49	49 69	.....	.....	.....	50.59
Brown ....Mt. Sterling....	55.33	55.33	.....	.....	.....	.....	...	.....	54 58
Sangamon.....Springfield.....	.....	.....	54.61	54.07	52.41	50.71	52.31	50.87	52.50
Pike .....Gr ggsville.....	.....	.....	....	.....	.....	49.09	49.29	47.48	48.62
Christian .....Pana.....	.....	.....	.....	... ..	.....	52.96	...	.....	52 96
Coles..... ..... Mattoon	.....	.....	.....	.... .	53.39	51.30	52.02	50.96	51.92
Macoupin . .....Bunker Hill....	.....	.....	.....	.....	.....	.....	.....	50.23	50.23
Mean.....	53.75	52.45	54.61	52.14	51.83	51.01	51.21	49.57	52.07
SOUTHERN DIVISION.									
Crawford.....Palestine.....	.....	.....	.....	.....	.....	53.49	53.38	51.35	52.74
Jasper.....St. Marie.....	.. ...	54.42	.....	.....	.....	... ..	.....	.....	54.42
Bond.....Greenville.....	.....	.....	.....	.....	.....	.....	.....	52.59	52.59
Madison..... ..Upper Alton....	... ..	.....	55.80	55.98	... ..	.....	.....	.....	55.89
Madison.....Collinsville.....	... ..	.....	.	.....	.....	.....	.....	51 94	51.94
Clay..... Louisville.....	56.55	.....	56.06	.....	.....	.....	.....	.....	56.30
Marion.....Centralia.....	.....	... ..	54.83	55.65	.....	...	.....	51.59	54.02
St. Clair..... .....St. Louis(Mo.)..	.....	.....	.....	.....	.....	.....	.....	54.57	54.57
Hamilton.....MeLeansboro....	.....	.....	.....	.....	.....	56.41	54.44	52.99	54.61
Pope . .....Golconda.....	.....	57.17	57.62	58.70	57.07	57.45	.....	54.97	57.16
Union..... .....Anna.....	.....	.....	.....	.....	.....	57.14	56.32	54.77	56.08
Alexander.... . .....Cairo.....	60.06	60.50	60.52	61 43	62.21	58.08	56.80	56.11	59.46
Mean.....	58.30	57.36	56.97	57.94	59.64	56.61	55.23	53.43	56.82
State average.....	53.45	52.17	52.77	52.70	52.02	50.53	50.93	50.09	51.83

SUMMARY OF PRECIPITATION IN ILLINOIS.

STATIONS.	1878	1879	1880	1881	1882	1883	1884	1885	Av
NORTHERN DIVISION.									
County. *Postoffice.*									
McHenry.....Marengo	32.44	32.32	33.30	47.22	35.36	35.91	34.93	36.40	35.90
Winnebago.....Durand	.....	33.32	44.89	.....	.....	.....	.....	.....	39.10
Winnebago .....Rockford.	.....	.....	.....	44.21	.....	.....	.....	.....	44.21
Boone..... ..Belvidere.....	.....	35.36	45.35	.....	.....	.....	.....	.....	40.35
Cook .....Chigago.	.....	30 41	37.10	44.18	41.34	45.87	34.66	44.37	39.70
Kane..... .....Elgin	.....	32 15	41.39	.....	.....	.....	.....	.....	36.77
Kane.....Aurora	.....	.....	.....	.....	.....	46.72	37.51	39.77	41.33
DeKalb .....Sycamore.....	.....	.....	.....	.....	44.03	50.40	44.76	48.50	46.92
Ogle.....Polo	.....	.....	.....	.....	.....	36.81	.....	.....	36.81
Lee.....Prairieville.....	.....	.....	.....	48.42	42.06	45.45	50.62	39.43	45.20
Whiteside.....Morrison.....		.....	.....	41.39	37 42	40.03	.....	.....	39 61
Putnam.....Hennepin.....	32.15	.....	.....	.....	.....	.....	.....	.....	32.15
Henry..... ...Geneseo.....	33.90	30.00	38 50	40.50	.....	.....	.....	.....	35.72
Rock Island ..... .Davenport (Iowa)..	....	33.89	42.73	37.28	....	.....	.....	33 45	36.84
Stark .....Elmira	30.16	25.66	30.97	36.19	37 06	39 53	.....	.....	32.01
Peoria.....Peoria	31.46	28.97	39.89	41.05	41.49	36.99	41.80	29.40	35 70
Warren .....Monmouth.....	.....	.....	.....	44.10	40 91	.....	.....	...	40.67
Average	32.02	31.34	39.35	42.45	39.96	41.97	40.71	38.76	38.32
CENTRAL DIVISION.									
Hancock.....Augusta	35 60	28.88	33.70	....	.....	.....	.....	.....	32.73
Hancock.....Keokuk (Iowa).	... ..	22.51	34.54	39.01		.....	.....	35.09	32.79
Fulton ... ...Canton	.....	.....	.....	46.02	50.22	...	.....	.....	48.12
McDonough .....Prairie City..... ...	.....	.....	.....	46.55	....	.....	.....	....	46.55
Champaign..... .. .Champaign.....	.....	....	..	49.39	53.84	.....	.....	.....	51.61
Brown..... ....Mt. Sterling..... ...	45.86	21.70	30.52	.....	.....	.....	...	.....	32 69
Logan ....Atlanta.....	.....	.....	.....	....	.....	40.72	33.98	.....	37.35
Menard .....Petersburg.....	.....	....	.....		.....		37.42	.....	37.42
Sangamon..... Springfield.....	.....	.....	30.93	56.51	58.20	48.79	43.16	38.61	46.03
Pike..... Griggsville	.....	.....	....	.....	47.18	48.97	45.51	34.38	43.96
Christian.....Pana	....	.....	.....	.....		36 78	35.24	50.19	40.74
Coles.... .....Mattoon.....	.....	.....	.....	.....	52.13	45 11	45.06	49.70	48.00
Macoupin.....Bunker Hill.... ...	.....	.....	...	...	.....	.....	.. ...	39.56	39.56
Average	40.73	24.36	32.42	47 50	52.31	44.07	40.06	41.22	40.33
SOUTHERN DIVISION.									
Crawford .....Palestine	.....	.....	.....	.....	.. .	53.46	41.55	40.06	45.025
Jasper ....St. Marie	.....	30.07	39 03	....	.....	.....	.....		34.55
Bond..... ... Greenville.....	.....	.....		.....	.....	54.62	66.54	48.42	56.53
Madison..... ...Upper Alton.....	.....	32.93	31.41	44.42	40.07	.....	.....		37 21
Madison ....Collinsville	.....	.....	42.44	.....	.....	.....	.....	41.17	41.17
Clay.....Louisville.....	46.64	41 60	.....	...	.....	.	..	..	43.56
Marion ....Centralia	.....	-	40.70	35 42	55.17	59.25	37 46	44 47	45 41
St. Clair.....St. Louis (Mo.).....	.....	25.70	34.56	37.37	.	.....	....	48.59	36.55
St. Clair.....Mascoutah.....	.....	....	....	.....	52.47	54.92	49.92	48.69	51.50
White.....Grayville	.....	.....	51.33	43.71	54.10		...	.....	49.71
Hamilton .....McLeansboro	.....	.....	.....	....	46.83	56.50	39.74	36.35	44.85
Perry..... .....Cairo.....	.....		.....	.....	..	51.39	36.78		44.08
Pope. .....Riley.....	....	54 84	56.17	41.09	70 52	57.17	54.66	44.48	54.12
Union.....Anna.....	.....	.....	.....	37.40	55.80	60.14	52.82	39.15	49.06
Saline.... ..... .Golconda.....	.....	.....	.....	47.22		.....	...	.....	47.22
Alexander..... Swanwick].....	.....	45.31	49.56	32.13	61.78	52 53	51 66	31.99	46.42
Average	46.64	38.41	43.14	39.84	54 59	55.35	47.90	42.34	46.03
State average.....	39.80	31.37	38 30	43.26	48.95	47.13	42.89	40.77	41.56

NAMES AND POST OFFICE ADDRESSES

— OF —

CROP CORRESPONDENTS

Department of Agriculture.

FOR THE YEAR 1885,

WITH DATES OF APPOINTMENT.

ADAMS COUNTY:
1882, W. T. Yeargain, Quincy.
1879, C. H. Rankin, Fall Creek.
1877, A. R. Wallace, Camp Point.
1879, G. W. Dean, Adams.
1883, H. C Cupp, Fall Creek.
1885, Daniel E. Robbins, Camp Point.
1885, C. W. S. Miller, Mendon.
1885, James Sykes, Beverly.

ALEXANDER COUNTY:
1884, J. R. F. Standard, Elco.
1877, Martin Brown, Thebes.

BOND COUNTY:
1877, Jno. V. McFarland, Cottonw'd G've.
1877, John Riley, Mulberry Grove.
1877, C. A. Meyer, Greenville.
1877, Thomas W. Hynes, Greenville.
1877, S. H. Challis, Pocohontas.
1882, W. D. Henry, Beaver Creek.
1884, E. L. Willford, Old Ripley.
1885, Emery Enloe, Mulberry Grove.
1885, J. B. Denny, Sorrento.
1885, W. H. Taylor, Tamalco.

BOONE COUNTY:
1877, George Reed, Belvidere.
1877, S. C. Fox, Garden Prairie.
1877, E. E. Moss, Belvidere.
1882, O. S. Nichols, Garden Prairie.
1875, Evi Sherman, Poplar Grove.
1885, Stanley Heath, Capron.

BROWN COUNTY:
1877, Henry D. Ritter, Versailles.
1882, J. W. Moore, Mound Station.
1878, R. T. Bratten, Mt. Sterling.
1881, A. E. Martin, Ripley.
1882, J. B. Vandeventer, Mt. Sterling.

BUREAU COUNTY:
1877, L. D. Whiting, Tiskilwa.
1877, James F. Mallet, Milo.
1878, J. Y. Spangler, New Bedford.
1879, John L. Hall, Wyanet.
1885, R. B. Frary, Princeton.
1885, Louis Zearing, Arlington.
1885, Jno. S. Searl, Dupue.
1885, C. P. Mason, Buda.

CALHOUN COUNTY:
1877, A. Smith, Hardin.
1877, George W. Long, Belleview.
1878, William Love, Brussels.
1881, M. A. Kamp, Kampsville.

CARROLL COUNTY:
1877, E. L. Byington, Lanark.
1882, John Cole, Thompson.
1882, S. Preston, Mt. Carroll.
1884, Peter Hyzen, Shannon.
1885, John E. Haughey, Zion.

CASS COUNTY:
1877, Thomas J. Crum, Virginia.
1877, John M. Epler, Little Indian.
1878, John H. Goodell, Chandlerville.
1878, John Beggs, Ashland.
1878, J. K. Clark, Bluff Springs
1882, George Virgin, Virginia.
1884, J. B. Conover, Ashland.
1885, Oliver Decker, Beardstown.

CHAMPAIGN COUNTY:
1877, J. M. Morse, Gifford.
1877, W. A. Conkey, Homer.
1877, J. C. Ware, Urbana.
1879 J. M. Lewis, Urbana.
1885, M. F. Potterfield, Sidney.
1885, W. E. Dawley, Seymour.
1885, Eugene Christie, Seymour.
1885, S. J. Purnell, Mahomet.
1885, David Strayton, Sr., St. Joseph.

CHRISTIAN COUNTY:
1877, J. B White, Morrisonville.
1877, A. B. Herdman, Morrisonville.
1877, John W. Hunter, Owaneco.
1878, O. S. Nash, Sharpsburg.
1880, J. R. Hill, Edinburg.
1882, Peter L. Myers, Assumption.
1885, J. Slate, Edinburg.
1885, J. Will Haines, Taylorville.

CLARK COUNTY:
1877, James C. Sheapley, Martinsville.
1877, F. B. Ennis, Dolson.
1877, R. R. Scott, Casey.
1880, L. B. Anderson, Darwin.
1880, Jerry Ishler, Martinsville.
1880, B. B. Tarman, Orange.
1885, D. Murphy, West Union.

CLAY COUNTY:
1877, W. W. Bowler, Flora.
1880, Theron Gould, Bible Grove.
1882, John R. Bonney, Hoosier Prairie.
1882, A. W. Bothwell, Clay City.
1885, Samuel Dillman, Oskaloosa.

CLINTON COUNTY:
1877, O. B. Nichols, Sr., Carlyle.
1877, B. Pullen, Centralia (Marion Co).
1878, John Burton, Trenton.
1882, Theodore Albers, Germantown.
1884, James McHale, Lost Creek.

COLES COUNTY:
1878, Thomas O'Brien, Ashmore.
1880, J. F. Dora, Charleston.
1882, E. G. Patterson, Mattoon.
1883, W. H. Tabler, Folger.
1884, Wm. Poorman, Humbolt.

COOK COUNTY:
1877, A. H. Dolton, Dolton's Station.
1879, Norman Powell, Palos.
1879, George Struckman, Elgin(Kane Co.)
1879, C. L. Sweet, Glenwood.
1882, Elbert Wheeler, Arlington Heights.

CRAWFORD COUNTY:
1877, William L. Heustis, Robinson.
1877, Andrew Newlin, Hutsonville.
1880, J. P. Weger, Flat Rock.
1882, William Wood, Oblong.
1882, W. S. Emmons, Robinson.
1884, H. H. Haskett, Palestine.

CUMBERLAND COUNTY:
1877, David Neal, Neoga.
1878, Barlow Park, Greenup.
1879, Ed. Bumgarder, Hazel Dell.
1882, Jas. M. Albin, Neoga.
1885, C. G. Jones, Greenup.
1885, A. M. Farmer, Jewett.

DEKALB COUNTY:
1879, D. M. Marsh, Sandwich.
1879, R. M. Pritchard, Waterman Station
1879, M. W. Cole, Kingston.
1881, Edwin Waite, Sycamore.
1884, Robt. Hamilton, East Paw Paw
1885, Theo. Balis, Courtland.

DEWITT COUNTY:
1877, E. H. Robb, Waynesville.
1877, John McDonald, Farmer City.
1881, A. D. Metz, Wapella.
1882, W. R. Carle, Wapella.
1885, Geo. I. Tinslar, Clinton.

DOUGLAS COUNTY:
1878, S. L. Woodsworth, Arcola.
1878, F. A. McCarty, Filson.
1884, J. E. Scanling, Newman.
1885, Vinton Garrett, Atwood
1885, J. H. Erwin, Tuscola.

DUPAGE COUNTY:
1877, H. L. Bush, Downer's Grove
1877, P. W. Stacy, Prospect Park.
1877, Daniel Dunham, Wayne.
1884, Daniel Kelley, Wheaton.
1885, Thomas Betts, Jr., Naperville

EDGAR COUNTY:
1877, W. H. Stubbs, Ferrell.
1878, B. O. Curtis, Paris.
1878, A. S. McCord, Paris.
1884, Geo. W. Legg, Scotland.
1885, Morris Little, Edgar.
1885, J. D. Brewer, Hume.
1885, John Sembriek, Palermo.
1885, H. F. Pinnell, Kansas.

EDWARDS COUNTY:
1877, W A. Shelby, Maple Grove.
1877, James Dawes, Albion.
1883, Wm. L. Orange, Albion.

EFFINGHAM COUNTY:
1877, A. B. Kidder, Moccasin.
1877, John McDonald, Edgewood.
1883, H. C. Henry, Mason.
1883, Geo. Strong, Eberle.
1883, T. J. Dunn, Elliottstown.
1885, J. A. Arnold, Effingham.
1885, William Blakeley, Altamont.

FAYETTE COUNTY:
1877, O. E. Lovett, St. Elmo.
1877, C. Carson, Brownstown.
1877, Fr. Fellwock, St. Paul.
1878, J. F. Kennedy, Shabonier.
1882, John N. McCord, Vandalia.
1884, Alfred Griffith, Brownstown.
1885, J. R. Larkin, Beecher City.

FORD COUNTY:
1877, L. T. Bishop, Piper City.
1877, James Ogelvie, Caberey.
1879, S. J. LeFevre, Gibson City.
1881, H. J. Schaeffer, Paxton.
1882, W. J. Wood, Elliott.
1883, Chas. H. Yates, Chatsworth, (Livingston county.)
1885, R. W. Gilbourne, Caberey.

FRANKLIN COUNTY:
1877, F. M. Phipps, Benton.
1877, C. C Biggs Thompsonville.
1878, Isham Harrison, Mulkeytown.
1882, John Mulkey, Benton.
1883, Otto Heulbig, Benton.
1883, T. D. Boyles, Ewing.
1885, Thos. Neal, Ewing College.

FULTON COUNTY:
1877, M. Rawalt, Canton.
1877, Alex. Bailey, Vermont.
1878, D. H. Gorham, Avon.
1878, John Prickett, Lewistown.
1881, S. B. Bennett, Fairview.
1885, E. J. Parry, Astoria.

GALLATIN COUNTY:
1877, C. W. McGehee, Shawneetown.
1877, A. K. McCabe, Shawneetown.
1880, Martin Doherty, Waltonborough.
1883, G. W. Moore, Equality.
1883, R. A. Lamb, Ridgway.
1884, J. B. Hale, Cotton Wood Grove.

GREENE COUNTY:
1877, C. W. Brace, Kane.
1877, S. G. Russell, Bluffdale.
1878, Elon A. Eldred, Carrollton.
1878, Jos. Rickart, Whitehall.

GRUNDY COUNTY:
1877, John Hurst, Minooka.
1877, R. K Slosson, Verona.
1877, Otis Baker, Morris.
1878, C. E. Parker, Gardner.
1882, A. Z. Taylor, Gardner.
1884, W. T. Pierce, Verona.

HAMILTON COUNTY:
1877, A. M. Sturman, Dahlgren.
1878, Adam Crouch, Belle Prairie.
1880, R. W. Jordan, Enfield, (White Co.)
1883, Thompson B. Stelle, McLeansboro.
1883, Alfred Braden, Braden.
1884, S. B. Allen, Broughton.

HANCOCK COUNTY:
1877, E. J. Baxter, Nauvoo.
1878, A. C. Hammond, Warsaw.
1880, W. W. Tull, Fruitland.
1884, W. J. Remick, Plymouth.
1885, J. M. Bainter, La Crosse.
1885, C. M. McMillan, Denver.
1885, W. A. Moore, Elvaston.

HARDIN COUNTY:
1877, John Mitchell, Cave-in-Rock.
1878, W. N. Warford, Spark's Hill.
1882, Anton Shelter, Sheltersville.
1884, Wm. J. Hill, P. O. Caseyville, Ky.
1884, Scott Kinney, Wolrab Mills.
1885, J. C. Wolrab, Wolrab Mills.

HENDERSON COUNTY:
1877, John H. McDougall, Biggsville.
1878, Peter Groome, Raritan.
1878, Paul D. Salter, Kirkwood, (Warren County).
1882, M A. Frabell, Kirkwood, (Warren County).
1882, Carles Vaughn, Lomax.

HENRY COUNTY:
1877, N. C. Gilbert, Geneseo.
1877, John A. Widney, Woodhull.
1877, Wm. Mathias, Prophetstown, (Whiteside county.)
1878, Joshua C. Edwards, Cambridge.
1882, E. C. Gilbert, Geneseo.
1885, S. H. Moon, Annawan.
1885, J. M. Hanna, Orion.

IROQUOIS COUNTY:
1878, A. C. Johnson, Woodland.
1879, Robert Caldwell, Sheldon.
1881, Frank H. Burnham, Martinton.
1882, B. W. Gilborne, Cabery, (Ford Co.)
1883, S. Williams, Woodland.
1884, F. I. Mann, Gilman.
1885, Ed. Stimpson, Milford.

JACKSON COUNTY:
1877, Hiram Swartz, Elkville.
1879, George C. Hanford, Makanda.
1880, John A. Carter, Campbell Hill.
1882, P. E. Michaels, Carbondale.

JASPER COUNTY:
1876, W. E. Barrett, Newton.
1876, A. Wilson, Wheeler.
1877, R. G. Scott, Ingraham (Clay Co.)
1878, James Picquet, St. Marie.
1884, P. S. Cummins, Rose Hill.
1885, E. F. Ford, Willow Hill.
1885, Saml. Midkiff, West Liberty.
1885, Michael Kratzmeir, St. Marie.

JEFFERSON COUNTY:
1877, John R. Moss, Mt. Vernon.
1877, John Wilbanks, Mt. Vernon.
1878, George L. Whitlock, Dix.
1879, L. E. Jones, Opdyke.
1879, E. S. Noleman, Irvington.
1882, W. B. Anderson, Mt. Vernon.
1885, S. A. Davis, Spring Garden.

JERSEY COUNTY:
1877, Henry Ryan, Medora(Macoupin Co.(
1877, James E. Starr, Elsah.
1877, W. H. Fulkerson, Jerseyville.
1884, John G. Dougherty, Otterville.

JoDAVIESS COUNTY:
1876, J. A. Hammond, Hanover.
1877, E. M, Bouton, Galena.
1882, M. K Hammond, Stockton.
1882, John Dallyn, Galena.
1884, T. Hallett, Galena.
1885, Geo. W. Pepoon, Warren.
1885, J. A. Sherard, Apple River.

JOHNSON COUNTY:
1877, H. T. Williams, Buncombe.
1880, J. F. Casper, New Burnside.
1882, T. H. Taylor, Goreville.
1882, S. D. Poor, Grantsburg.
1882, P. W. McFatridge, Vienna.
1883, J. B. Gillespie, New Burnside.

KANE COUNTY:
1877, J. P. Bartlett, Blackberry.
1878, H. Chapman, Sugar Grove.
1881, C. A. Fassett, Hampshire.
1882, Daniel Whitney, St Charles.
1884, Geo. E. Peck, Geneva.
1884, E. W. Thompson, Sugar Grove.
1885, F. C. Van Vleck, Maple Park.
1885, Joseph Hunter, Gilbert.

KANKAKEE COUNTY:
1877, Milo Barnard, Manteno.
1877, R. A. Lane, Bonfield.
1878, D. S. McKinstry, Grant Park.
1878, I. C. Mosier, Essex.
1882, A. L. Miner, Momence.
1885, John Devine, Chebanse.
1885, Wm. V. States, Buckingham.

KENDALL COUNTY:
1877, J. M. Gale, Yorkville.
1877, Geo. M. Hollenback, Millbrook.
1877, John Hurst, Minooka (Grundy Co).
1878, John S. Sceley, Oswego
1882, W. H. Shufelt, White Willow.
1884, W. B. Rockwood, Newark.

KNOX COUNTY:
1877, John Sloan, Yates City.
1877, Isaac Hunter, Abingdon.
1877, G. A. Marshall, Abingdon.
1878, R. W. Miles, Gibson.
1883, Wm. H. Faulds, Douglas.
1884, R. W. Hunt, Galesburg.
1885, A. B. Brown, Oneida.
1885, J. F Latimer, Abingdon.
1885, J. R. Mitchell, Oneida.
1885, Wm. Robson, Wataga.
1885, James Paden, Galesburg.

LAKE COUNTY:
1878, Henry Hart, Hainesville.
1879, Arthur Cook, Wauconda.
1879, J. B. Pope, Wadsworth.
1879, Giles Farmer, Libertyville.
1881, Robert Easton, Half-Day.

LASALLE COUNTY:
1877, Thomas J. Davis, Triumph.
1877, Elmer Baldwin, Farm Ridge.
1878, George W. Armstrong, Seneca.
1883, L. A. Burgess, Tonica.
1883, Chas. T. Farrell, Ottawa.
1884, Frank A. Wilkins, Troy Grove.

LAWRENCE COUNTY:
1877, W. T. Buchanan, Bridgeport.
1882, J. A. Fyffe, Sumner.
1885, B. L. Cunningham, Sumner.
1885, John Derr, Pinkstaff.
1885, John P. Price, Russellville.
1885, E. M. Sprinkle, Allison.

LEE COUNTY:
1877, Abijah Powers, Prairieville.
1877, James C. Lahman, Franklin Grove,
1879, Abraham Brown, Dixon.
1880, C. F. Ingalls, Sublette.
1884, Rob. Hampton, East Paw Paw, (DeKalb County.)
1884, Patrick W. Whalen, Walton.
1884, Wm. McMahon, Paw Paw.

LIVINGSTON COUNTY:
1877, L. R. Bancroft, Pontiac.
1878, S. T. K. Prime, Dwight.
1880, Isaac Young, Pontiac.
1882, Robt. Thompson, Flanagan.
1882, A. A. Richardson, Pontiac.
1882, Eli W. Pearson, Cayuga.
1885, S. M. Barnes, Fairbury.

LOGAN COUNTY:
1880, J. P. Hieronymus, Atlanta.
1882, W. V. Guttery, Middletown.
1883, John Harmon, Beason.
1884, W. Wemple, Mt. Pulaski.
1884, R. A. Talbott, Burtonview.
1885, W. E. Williams, Chestnut.
1885, George Johnson, Latham.
1885, W. O. Jones, Lincoln.

MACON COUNTY:
1876, V. Barber, Decatur.
1877, T. H. Barr, Argenta.
1877, G. Elliott, Harristown.
1880, D. P. Keller, Macon.
1884, W. A. Van Leer, Maroa.
1885, S. P. Nickey, Oakley.

MACOUPIN COUNTY:
1877, J. H. Bauer, Bunker Hill.
1877, John P. Henderson, Virden.
1877, I. B. Vancil, Modesto.
1880, E. H. Wilson, Barnett, (Mont. Co.)
1883, T. K. Gore, Carlinville.
1883, James W. Lumpkin, Carlinville.
1885, J. H. Wolfe, Nilwood.
1885, S. V. Keller, Medora.
1885, L. B. Corbin, Macoupin Station.
1885, C. J. Upton, Carlinville.
1885, Geo. W. Ribble, Hettick.
1885, Thos. A. James, Brighton.

MADISON COUNTY:
1877, V. P. Richmond, Moro.
1877, Irby Williams, Upper Alton.
1877, John Balsiger, Highland.
1878, E. J. Jeffress, Edwardsville.
1885, J. M. Pearson, Godfrey.

MARION COUNTY:
1877, J. W. Jennings, Centralia.
1880, Urial Mills, Salem.
1881, J. M. Waggoner, Iuka.
1882, W. D. Hills, Odin.

MARSHALL COUNTY:
1877, D. B. Wier, Lacon.
1882, H. Marshall, Camp Grove, (Stark Co.)
1883, C. A. Whitney, Varna.
1883, E. Greene, Henry.
1883, Geo. D. Riddell, Sparland.

MASON COUNTY:
1877, J. B. Conover, Kilbourne.
1878, E. J. Bowser, Bishop's Station.
1878, J. M. Ruggles, Havana.
1882, Wm. M. Duffy, San Jose.
1884, Charles A. Gore, Kilbourne.
1885, J. A. McComas, Manito.

MASSAC COUNTY:
1877, L. W. Copeland, Joppa.
1880, C. W. Williams, Massac Creek.
1882, A. A. Austin, Joppa.
1882, T. S. Morgan, New Columbia.
1882, J. R. Wetherill, Metropolis.
1883, Jno. Brady, Pellonia.

McDONOUGH COUNTY:
1877, James N. Devore, Bushnell.
1877, Samuel Frost, Macomb.
1877, W. H. Green, Bardolph.
1877, John B. Isom, Blandinsville.

McHENRY COUNTY:
1877, E. H. Seward, Marengo.
1877, James Crow, Crystal Lake.
1877, Sidney Disbrow, Alden.
1877, T. McD. Richards, Woodstock.
1882, Richard Wray, Richmond.
1882, D. A. Potter, Richmond.

McLEAN COUNTY:
1877, John A. Ewins, Danvers.
1877, Nelson Jones, Towanda.
1877, Wm. H. Oglevee, Heyworth.
1877, Sylvester Peasley, Downs.
1878, Daniel McFarland, McLean.
1879, C. N. Vandervoort, Randolph.
1882, D F. Trimmer, Lexington.
1885, T. P. Kilgore, Colfax.
1885, A. B. Braunman, Arrowsmith.
1885, V. E. Howell, Arrowsmith.

MENARD COUNTY:
1877, Thomas Kincaid, Athens.
1877, John F. Fulton, Petersburg.
1884, C. J. McDoel, Atterberry.
1884, W. P. Green, Tallula.
1884, Alex. Montgomery, Greenview.

MERCER COUNTY:
1877, Josiah Candor, Hamlet.
1877, Dan. W. Sedwick, Suez.
1878, Joseph U. David, New Windsor.
1882, Joshua Cabeen, Aledo.
1882, David A. Clark, Preemption.
1885, A. B. Swisher, Eliza.

MONROE COUNTY:
1878, George Frick, Hecker.
1879, Bennett James, Mitchie.
1880, J. Chewning, Renault.
1881, John McCormick, Harrisonville.
1885, Louis Lichlen, Renault.

MONTGOMERY COUNTY:
1877, E. W. Miller, Raymond
1878, W. F. Hicks, Raymond.
1881, E. H. Donaldson, Nokomis.
1881, A. T. Strange, Walshville.
1882, W. K. Jackson, Hillsboro
1882, Geo. W. Brown, Jr., Butler.
1882, J. B. Pocock, Nokomis.
1885, Geo. N. Allen, Donnellson.

MORGAN COUNTY:
1877, James C. Fairbank, Concord.
1877, S. S. Dewees, Alexander.
1877, John Gordon, Jacksonville.
1878, R. C. Curtis, Waverly.
1883, J. G. Bush, Murrayville.

MOULTRIE COUNTY:
1877, R. R. Cole, Sullivan.
1877, Wm. Kirkwood, Sullivan.
1877, F. M. Porter, Lovington.
1877, John Bowers, Williamsburg.
1878, J. Bieknell, Lovington.
1880, G. W. Vaughn, Sullivan.
1884, J. P. Glasscock, Gays.

OGLE COUNTY;
1877, A. D. Clark, Kyte River.
1877, W. B. Derrick, Baileyville.
1879, J. A. Atwood, Stillman Valley.
1882, T. S. Roberts, Monroe Center.
1885, Fred Mathias, Woosung.

PEORIA COUNTY:
1879, Joseph Gallup, Chillicothe.
1880, R. C. Davis, French Grove.
1881, C. C. Wood, Peoria.
1882, W. E. Elliott, Monica.
1883, S. D. Kemp, Elmwood.
1885, E. M. Douglas, Princeville.
1885, Wm. West, Smithville.
1885, John Haller, Glassford.

PERRY COUNTY:
1877, Alex. P. Baird, Four Mile.
1877, H. L. Burbank, DuQouin.
1878, J. C. Kinzie, Tamaroa.
1879, James Erwin, Coulterville, (Randolph County.)
1882, C. S. Norton, Tamaroa.
1883, J. C. Blair, Butler.
1885, Ed. S. Ward, Tamaroa.
1885, D. W. Dry, DuQuoin.

PIATT COUNTY;
1877, Ezra Marquis, Sr., Deland.
1879, D. W. Smith, Farmer City, (DeWitt County.)
1879, John W. C. Gray, Atwood.
1879, John H. Murphy, Bement.
1884, Vinton Garrett, Atwood.

PIKE COUNTY:
1877, J. O. Bolin, Milton.
1877, W. R. Wills, Pittsfield.
1880, C. B. Dustin, Summer Hill.
1881, Edward Whittleton, Barry.
1882, L. W. McMahan, Griggsville.
1885, Jno. Conry, Baylis.

POPE COUNTY:
1877, J. E. Y. Hanna, Golconda.
1882, John A. Stalions, Colorado.

PULASKI COUNY:
1877, H. C. Fearnside, Villa Ridge.
1879, J. H. Crain, Junction.
1880, W. A. Hight, Wetang.
1880, W. R. Crain, Junction.

PUTNAM COUNTY:
1877, W. Durley, Hennepin.
1877, Joshua L. Mills, Mt. Palatine.
1879, Geo. N. Hayslip, Granville.
1880, W. S. Borley, Cottage Hill.
1884, Geo. Longman, Jr., Putnam.
1885, J. M. McNabb, Mt. Palatine.

RANDOLPH COUNTY:
1877, Hugh Easdale, Tilden.
1877, S. W. McKelvey, Sparta.
1878, J. G. Eliff, Prairie du Rocher.
1881, J. B. Matthews, Marissa, (St. Clair county.)
1884, James Erwin, Coulterville.

RICHLAND COUNTY:
1877, S. M. Thompson, Parkersburg.
1877, John Camp, Berryville.
1878, R. C. Morris, Olney.
1881, R. C. Lough, Noble.
1882, Thos. T. Taylor, Noble.

ROCK ISLAND COUNTY:
1877, Jesse S. Daily, Cordova.
1877, John Buffum, Andalusia.
1877, Fred. Osborn, Osborn.
1877, James Taylor, Taylor Ridge.
1882, R. D. McCreery, Coal Valley.
1882, Thos. Campbell, Rock Island.

SALINE COUNTY:
1877, W. M. Joyner, Stone Fort.
1877, M. W Willis, Eldorado.
1885, J. H. Blackman, Somersett.
1885, J. S. Raybourn, Raleigh.

SANGAMON COUNTY:
1877, George P. Weber, Pawnee.
1880, A. A. Pickrell, Mechaniesburg.
1881, R. S. McGinnis, Loami.
1881, James A. Stone, Bradfordton.
1885, John Upton, Springfield.
1885, J. T. Louis, Chatham.
1885, J. F. Hickman, Barclay.

SCHUYLER COUNTY:
1877, R. C. Noyes, Camden.
1879, Simon Doyle, Rushville.
1882, S. S. Smith, Rushville.
1883, D. H. Wheat, Littleton.
1885, W. C. Reno, Browning.
1885, G. C. Noyes, Camden.

SCOTT COUNTY:
1877, Henry L. Gordon Winchester.
1877, J. M. Leighton, Manchester,
1877, Henry Miner, Winchester.
1880, J. B. Mays, Merritt.
1882, S. Barnes, Manchester.
1884, G. B. Straight, Merritt.

SHELBY COUNTY:
1877, John Turner, Todd's Point.
1877, E. A. McCracken, Lakewood.
1878, L. H. Turner, Strasburg.
1880, Edward Roesser, Shelbyville.

STARK COUNTY:
1877, John Lackie, Oseeola.
1877, H. H. Oliver, Toulon.
1877, William Nowlan, Lafayette.
1877, J. M. Thomas, Wyoming.
1878, J. H. Anthony, West Jersey.
1882, Benjamin Turner, Toulon.

ST. CLAIR COUNTY:
1882, Peter Seibert, Fayetteville.
1882, B. I. Van Court, O'Fallon.
1882, Geo. C. Eisenmayer, Maseoutah.
1885, A. B. Ogle Berkner.
1885, M. T. Stookey, Belleville.

STEPHENSON COUNTY:
1877, Giles Turneaure, Freeport.
1877, F. B. Walker, Dakota.
1877, C. H. Rosenstiel, Freeport.
1877, Hiram Snyder, Lena.
1882, Daniel Musser, Orangeville.
1882, A. M. Durkee, Howardsville.

TAZEWELL COUNTY:
1877, M. W. Messinger, Morton.
1877, Geo. W. Minier, Minier.
1877, D. Sapp, Pekin.
1879, Jonathan B. Allen, Delavan.
1880, E. D. Worstall, Green Valley.
1882, P. E. Ripper, Sands.

UNION COUNTY:
1879, W. J. Willard, Jonesboro.
1881, G. W. Cline, Anna.
1881, Willis Canble, Alto Pass.

VERMILION COUNTY:
1877, J. H. Oakwood, Catlin.
1878, Fred Tilton, Rossville.
1878, Robert Barnett, Indianola.
1879, Thomas Armstrong, Rossville.

WABASH COUNTY:
1877, John F Harrington, Allendale.
1877, John W. Haberton, Mt. Carmel,
1877, Joseph Litherland, Allendale.
1877, Thomas Riggs, Maud.
1878, M. L. Tilton, Mt. Carmel.
1883, Jacob Seller, Mt, Carmel.

WARREN COUNTY:
1877, Henry Tubbs, Kirkwood.
1877, D. C. Graham. Cameron.
1877, J. D. Porter, Alexis.
1877, John A. Gordon, Roseville.
1880, A. T. Bruner, Garland
1883, N. A. Rankin, Monmouth.

WASHINGTON COUNTY:
1877, William C. Spencer, Nashville.
1878, H. H. Meyer, Stone Church.
1881, Augustus Stande, Okawville.
1882, W. W. Hutchins, Three Mile Prairie.

WAYNE COUNTY:
1877, Henry Kramer, Mt. Erie.
1877, John Wilson, Fairfield.
1877, L. M Cisne, Cisne.
1877, A. M. Cable, Boyleston.
1883, Oliver Holmes, Fairfield.
1885, G. A. Bradford, Home.

WHITE COUNTY:
1877, Ezekiel Hunsinger, Burnt Prarie.
1878, Nathan Caley, Enfield.
1878, Boone Kershaw, Grayville.
1880, J. W. McHenry, Carmi.

WHITESIDE COUNTY:
1877, L. S. Pennington, Sterling.
1880, Geo. B. Qnigley, Sterling.
1883, D. N. Foster, Sterling.

WILL COUNTY:
1877, Jacob Smith, Lockport.
1877, J. N. Fryer, Channahon.
1878, C A. Westgate, Peotone.
1879, Jerome Fisher, DuPage.
1880, Samuel G. Nelson, Wallingford.
1882, J. O. Piepinbrink, Crete.

WILLIAMSON COUNTY:
1877, S. M. Mitchell, Corinth.
1877, D. R. Harrison, Herrin's Prairie.
1877, Geo. W. Davis, Crab Orchard.
1878, James M. Washburn, Carterville.
1882, G. W. Chitty, Wolf Creek.
1882, H. M. Richart, Carterville.
1885, Z. Hudgen, Pulley's Mill.
1885, C. H. Dennison, Marion.

WINNEBAGO COUNTY:
1877, J. H. Kirk, Rockford.
1877, Wm. Atkinson, Harrison
1878, H. J. Rolason, Durand Station.
1878, Webster Osborn, Winnebago.
1882, R. H. Saunders, Pecatonica.

WOODFORD COUNTY;
1880, C. M. Stephenson, Secor.
1882, J. H. Brown, Minonk.
1882, James W. Robeson, Secor.

METEOROLOGICAL OBSERVERS FOR 1885, WITH DATE OF APPOINTMENT,

County.	Observer.	Post Office.	Date.
Adams	Dow R. Gwinn	Quincy	1885
Alexander	C. L. Bozzell	Cairo	1881
Bond	John B. White	Greenville	1883
Carroll	H. N. Griffith	Mt. Carroll	1885
Champaign	H. A. Burr	Philo	1885
Christian	J. K. Eberle	Pana	1882
Clinton	Wm. Rogan	Carlyle	1885
Coles	Wm. Dozier	Mattoon	1882
Cook	Allen Buell	Chicago	1879
Crawford	John E. Templeton	Palestine	1882
DeKalb	Roswell Dow	Sycamore	1881
Douglas	A. C. Williams	Hugo	1885
Effingham	George Strong	Eberle	1885
Fayette	Jos. Urbani	Vandalia	1885
Ford	Fr. Dienelt	Melvin	1885
Hamilton	Wm. P. Gibbs	McLeansboro	1882
Hancock	Fred Z. Gosewisch,	Keokuk, Ia	1885
Henderson	James Peterson	Oquawka	1885
Iroquois	Henry Upsall	Watseka	1885
Kane	M. M. Robbins	Aurora	1882
Knox	T. A. Wetmore	Oneida	1885
Lee	Matthias Sehick	Prairieville	1881
Livingston	Isaac Young	Pontiac	1885
Macoupin	F. C. Zimmerman	Bunker Hill	1884
Madison	J. L. R. Wadsworth	Collinsville	1884
Marion	J. L. Hallam	Centralia	1878
McHenry	John W. James	Marengo	1877
Mercer	Geo. Wirt	Keithsburg	1885
Montgomery	W. S. Palmer	Litchfield	1885
Ogle	A. B. Sweeney	Polo	1882
Peoria	Fred. Brendel	Peoria	1877
Perry	J. C. Elliott	Swanwick	1883
Piatt	J. W. C. Gray	Atwood	1885
Pike	A. Monroe	Griggsville	1882
Pope	J. E. Y. Hanna	Golconda	1878
Rock Island	R. R. Martin	Davenport, Ia	1885
Sangamon	John Craig	Springfield	1879
Shelby	A. H. Hatch	Windsor	1885
St. Clair	G. Leibrock	Mascoutah	1882
St. Clair	G. R. Weber	St. Louis, Mo	1885
Union	J. D. Newbegin	Anna	1877
Warren	J. C. Hutchison	Monmouth	1885
Washington	A. G. Tucker	Richview	1885
Wayne	Jacob Hall	Fairfield	1885
Will	H. N. Renfrew	Wilton Centre	1884
Williamson	W. S. Washburn	Marion	1885

PREMIUM LIST

— FOR THE —

THIRTY-THIRD ANNUAL

ILLINOIS STATE FAIR

— TO BE HELD AT —

CHICAGO, SEPTEMBER 14-19,

1885.

— ALSO —

PREMIUM LIST

— FOR THE —

EIGHTH ANNUAL

AMERICAN FAT STOCK AND DAIRY SHOW,

TO BE HELD IN THE

EXPOSITION BUILDING, CHICAGO, NOVEMBER 10–19, 1885,

— BY THE —

ILLINOIS STATE BOARD AGRICULTURE.

BRING THIS LIST WITH YOU TO THE FAIR.

RAILROAD ARRANGEMENTS

FOR THE

AMERICAN FAT STOCK AND DAIRY SHOW.

1885.

†Chicago & Northwestern.....
‡Chicago, Rock Island & Pacific.....
‡Illinois Central.....
*Chicago & Alton.....
*Chicago, St. Louis & Western.....
1|Chicago, Milwaukee & St. Paul.....
2Cincin., Indianapolis, St. L. & Chicago
⁒Louisville, New Albany & Chicago.....
¶Wabash, St. Louis & Pacific.....
3Chicago, Burlington & Quincy.....
Chicago and Iowa.....

Passengers one and one-third fare for the round trip.

Will carry stock from stations on its line to Chicago at regular tariff rates, and refund one-third of the amount paid on presentation of Secretary's certificate that the stock has been on exhibition. Full rates will be charged on stock returned from Chicago to place of shipment.

Baltimore & Ohio.....
Chicago & Atlantic.....
Chicago & Eastern Illinois.....
Chicago & Grand Trunk.....
Chicago, St. Louis & Pittsburgh.....
Lake Shore & Michigan Southern.....
Michigan Central.....
New York, Chicago & St. Louis.....
Pittsburgh, Ft. Wayne & Chicago.....

Passengers, one and one-third fare for the round trip (distance limited to 100 miles). Freight will be charged full local tariff rate to Chicago, and must be prepaid, when it will be returned free to points whence shipped, on certificate of the Secretary that the same has been on exhibition, and has not changed ownership. Freight arrangement covers a distance of 275 miles east of Chicago.

Paid freight bills, with Secretary's certificate, should be presented to the railroads when applying for a rebate of freight.

These concessions are made upon the condition that the roads are released from any and all liabilities exceeding $50 per head in case of injury by accident or otherwise, while in transit, or awaiting shipment or delivery at stations.

Stock over the Illinois Central Railroad will be delivered at the Exposition Building, and should be so billed.

Owners, or their agents, must accompany the stock, and be responsible for it, and its loading and unloading. All stock should be billed prepaid. The five dollars switching charges will be collected of the owner of the stock at the Exposition Building.

*Arrangements cover points in Illinois only.
†Covers points in Illinois, Iowa, Wisconsin and Minnesota.
‡Covers points in Illinois and Iowa.
¶Certificates to be presented to C. L. Wellington, A. G. F. A., Chicago.
⁒Except from Louisville, New Albany and Indianapolis.
1Applications for refund to be made to C. L. Rising, 55 Clark street, Chicago.
2Passenger rates cover LaFayette and stations north.
3Passenger rates only cover points in Illinois.

TERMINAL CHARGES.

Stock from all other roads should be shipped to the Exposition Building, care Illinois Central Railroad, Union Stock Yards. The charge per car stock from the Stock Yards to the Exposition Building, and returning same, or empty car, to Stock Yards, will be five dollars.

PREMIUM LIST

— FOR THE —

THIRTY-THIRD ANNUAL

ILLINOIS STATE FAIR

— TO BE HELD AT —

CHICAGO, SEPTEMBER 14-18,

1885.

AND THE EIGHTH AMERICAN FAT STOCK AND DAIRY SHOW AT EXPOSITION BUILDING, CHICAGO, NOVEMBER 10-19, 1885, UNDER THE AUSPICES OF THE ILLINOIS STATE BOARD OF AGRICULTURE.

COMPETITION OPEN TO THE WORLD.

EXCEPT AS NOTED.

READ THE RULES AND REGULATIONS.

BRING THIS LIST WITH YOU TO THE FAIR.

☞ ENTRIES MAY BE MADE BY LETTER AFTER AUGUST 1, AT SPRINGFIELD. ☜

The Thirty-Third Annual Illinois State Fair.

1885.

The Illinois State Fair for 1885 will be held at Chicago, upon the extensive and finely improved grounds of the Chicago Driving Park, in the western part of the city, adjoining Garfield Park, on Madison Street.

The numerous railroad lines centering in Chicago make all points in this and surrounding States easily accessible to the Illinois State Fair. The inducements offered to visitors and exhibitors are liberal and the transportation facilities sufficiently ample to meet all demands.

An abundant supply of water will be furnished at convenient points on the grounds.

The premium list has been carefully revised, and the liberal amounts heretofore offered largely increased. Attractive prizes are offered for tests of speed.

The early indications concerning the extent and quality of the exhibition at the Illinois State Fair for 1885 promise an unusually large and fine display of live stock, farm products, implements and other articles usually displayed at an Agricultural and Industrial Exposition.

The prominence of Chicago as the great railroad centre, with a trade in meat, breadstuffs, lumber and manufactured articles second to no city on the continent, ensures a spirit if enterprise sufficient to make the Thirty-Third Annual Illinois State Fair a success beyond comparison.

Prominent and influential citizens of Chicago are making every possible effort to give the next State Fair a national character, and the assured attractions and completeness of the exhibition in the several departments will be creditable to the irrepressible spirit that has characterized all the enterprises of the city.

Editors and reporters will report to the Press Committee, who will extend the usual courtesies, and assist them in gaining such information as will be of interest to the public.

A cordial invitation to attend the Fair is extended to representatives of kindred State organizations, who are requested to report to the President, that they may receive suitable attention.

A package of this Premium List will be sent for distribution to each Agricultural Society in the State. In counties having no Agricultural Organization, the Lists will be sent to the County Clerks for distribution.

A show of Fat Stock will be held in the Exposition Building, Chicago, November 10-19, under the auspices of the Board. See list of prizes published herewith.

Copies of the List may be had upon personal appplication to any member of the Board, or by addressing the undersigned, at Springfield.

☞ Please keep your Premium List, and bring it with you to the Fair.

CHARLES F. MILLS,
Secretary State Board of Agriculture

Congressional Districts in Illinois.

First District—The First, Second, Third and Fourth wards in the city of Chicago, and the towns of Riverside, Hyde Park, Lake, Lyons, Calumet, Worth, Palos, Lemont, Thornton, Bremen, Orland, Bloom and Rich in the county of Cook.

Second District—The Fifth, Sixth and Seventh wards in the city of Chicago, and that part of the Eighth ward in the city of Chicago which is south of the center of Polk street and the center of Macalester Place.

Third District—The Ninth, Tenth, Eleventh, Twelfth, Thirteenth and Fourteenth wards in the city of Chicago, and that part of the Eighth ward in the city of Chicago which is north of the center of Polk street and the center of Macalester Place.

Fourth District—The Fifteenth, Sixteenth, Seventeenth and Eighteenth wards in the city of Chicago, and the towns of Lake View, Jefferson, Leyden, Norwood Park, Evanston, Niles, Maine, Elk Grove, Schaumburg, Hanover, New Trier, Northfield, Wheeling, Palatine, Barrington, Cicero and Proviso, in the county of Cook.

Fifth District—Lake, McHenry, Boone, DeKalb and Kane.

Sixth District—Winnebago, Stephenson, JoDaviess, Ogle and Carroll.

Seventh District—Lee, Whiteside, Henry, Bureau and Putnam.

Eighth District—LaSalle, Kendall, Grundy, Will and DuPage.

Ninth District—Kankakee, Iroquois, Ford, Livingston, Woodford and Marshall.

Tenth District—Peoria, Knox, Stark and Fulton.

Eleventh District—Rock Island, Mercer, Henderson, Warren, Hancock, McDonough and Schuyler.

Twelfth District—Cass, Brown, Adams, Pike, Scott, Greene, Jersey and Calhoun.

Thirteenth District—Tazewell, Mason, Menard, Sangamon, Morgan and Christian.

Fourteenth District—McLean, DeWitt, Piatt, Macon and Logan.

Fifteenth District—Coles, Edgar, Douglas, Vermilion and Champaign.

Sixteenth District—Cumberland, Clark, Jasper, Crawford, Clay, Richland, Lawrence, Wayne, Edwards and Wabash.

Seventeenth District—Macoupin, Montgomery, Shelby, Moultrie, Effingham and Fayette.

Eighteenth District—Bond, Madison, St. Clair, Monroe and Washington.

Nineteenth District—Marion, Clinton, Jefferson, Franklin, Hamilton, White, Saline, Gallatin and Hardin.

Twentieth District — Perry, Randolph, Jackson, Williamson, Union, Johnson, Pope, Alexander, Pulaski and Massac.

MEMBERS

OF THE

ILLINOIS STATE BOARD OF AGRICULTURE,

FOR 1885-86.

President	JOHN LANDRIGAN	Albion
Ex-President	J. R. SCOTT	Champaign
Secretary	CHARLES F. MILLS	Springfield
Treasurer	JOHN W. BUNN	Springfield
Chief Clerk	W. C. GARRARD	Springfield

VICE PRESIDENTS.

1st	Dist.—	J. Irving Pearce	Chicago		
2d	"	M. A. Morse	Chicago		
3d	"	J. C. Vaughan	Chicago		
4th	"	John P. Reynolds	Chicago		
5th	"	John Griffith	Batavia		
6th	"	George S. Haskell	Rockford		
7th	"	Saml. Dysart,	Franklin Grove		
8th	"	E. C. Lewis	Ottawa		
9th	"	John Virgin	Fairbury		
10th	"	D. W. Vittum, Jr	Canton		
11th	Dist.—	E. B. David	Aledo		
12th	"	Allan C. Rush	Perry		
13th	"	J. W. Judy	Tallula		
14th	"	LaFayette Funk	Shirley		
15th	"	E. E. Chester	Champaign		
16th	"	Joseph Skeavington	Albion		
17th	"	David Gore	Carlinville		
18th	"	D. B. Gillham	Upper Alton		
19th	"	B. Pullen	Centralia		
20th	"	J. M. Washburn	Carterville		

SUPERINTENDENTS OF DEPARTMENTS.

Class A—Cattle—Beef Breeds	Mr. Funk
Class A—Cattle—Milk Breeds	Mr. Reynolds
Class B—Horses—Other than Draft, including Speed	Mr. Lewis
Class B—Horses—Draft	Mr. Gore
Class C—Sheep	Mr. Vittum
Class D—Hogs	Mr. David
Class E—Poultry	Mr. Griffith
Class F—Mechanics	Mr. Vaughan
Class G—Farm Products	Mr. Skeavington
Class H—Horticulture	Mr. Haskell
Class I—Fine Arts	Mr. Pearce
Class K—Textile Fabrics	Mr. Morse
Class L—Science and Education	Mr. Rush
Class M—Farm Machinery	Mr. Pullen
Class N—Dairy	Mr. Chester
Marshal of Ring	Mr. Judy
Superintendent of Grounds	Mr. Gillham
Superintendent of Forage and Stalls	Mr. Virgin
Superintendent of Permits and Privileges	Mr. Washburn
Superintendent of Purchasing Department	Mr. Scott
Superintendent of Gates and Tickets	Mr. Dysart
Auditors	Messrs. Pearce, Washburn and Pullen
Committee on Reception, Fair	Messrs. Landrigan, Scott, Reynolds, Judy, Pearce, Haskell and Dysart
Committee on Arrangements, Fair	Messrs. Landrigan, Gillham, Scott, Dysart, Reynolds, Chester, Pullen, Virgin, Haskell, Washburn, Skeavington, Funk, David, Morse, Griffith and Mills
Committee on Printing	Messrs. Dysart, Haskell, Morse, Pearce, David and Mills
Committee on Arrangements, Fat Stock Show	Messrs. Landrigan, Dysart, Virgin, Gillham, Funk, Washburn, Gore, Vittum, Lewis, Reynolds, Pullen, Chester, Judy, Skeavington, Morse, Vaughan and Mills
Committee on Crop Reports	Messrs. Gore, Funk, Skeavington, Virgin, Griffith and Mills
Committee on Finance	Messrs. Pearce, Gore, Lewis, Washburn, Chester and Pullen
Committee on Press	Messrs. Vaughan, David, Rush, Griffith, Morse and Mills
Committee on Transportation	Messrs. Landrigan, Pearce, Vittum, Griffith, Rush Scott and Mills
Committee on Library	Messrs. Haskell, Judy, Rush, Vittum, David and Mills
Committee on Museum	Messrs. Gillham, Lewis, Gore, Vittum, Vaughan and Mills
Committee on Agricultural and Industrial Education	Messrs. Reynolds, Scott, Washburn, Vaughan and Rush
Jury on Pedigrees, Class A	Messrs. Funk, Skeavington, Dysart, Gore, Chester and Mills
Jury on Pedigrees, Class B	Messrs. Lewis, Virgin, Morse, Judy and Mills

GENERAL RULES AND REGULATIONS

For the Fair of 1885.

MEMBERS OF THE BOARD WILL SEE THAT THESE RULES ARE STRICTLY ENFORCED.

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1. The Fair Grounds will be open for the reception of stock and articles for exhibition on Thursday, the 10th day of September, and they should be shipped to the exhibitor or his agent; and in no case will any articles be brought upon the grounds and placed on exhibition, except by and at the expense of the owner, or his authorized agent.

2. Exhibitors of implements and machinery are requested to ship such articles as are intended for exhibition as early as possible, so as to give ample time for transportation.

3. All animals and articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A.M. Tuesday, September 15, 1885.

ENTRIES.

1. May be made by addressing the Secretary at Springfield, Illinois, and enclosing $1.50 for *season ticket*, before the 10th day of September, at which last date the entry books will be opened at the Sherman House, in the city of Chicago. Blank applications will be furnished at any time, on which to specify exhibitor's name and address, with description of the animal or article offered. No entry can be made after Saturday, September 12, at 6 P.M., unless in case of unavoidable detention, and then only on certificate of the Superintendent of the department. Exhibitors will find their entry cards and admission ticket ready for them at the office of the Secretary on the Fair Grounds the first day of the Fair. The following stall fees will be charged, and must accompany the application for entry: For each box stall, $2.00; for each open stall, $1.00. Stalls will be assigned only to bona-fide exhibitors, and parties sub-letting stalls without permission of the Superintendent of stalls, will thereby forfeit the same, and such stalls will be subject to re-assignment.

2. Each exhibitor must purchase an *exhibitor's ticket* before making entries—a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the grounds on the ticket which entitles the firm to compete, and in no case will such ticket be transferable. Members of a competing firm may purchase exhibitors' tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

3. Articles which are the product of mechanical or artistic skill must be entered by the artist, inventor, manufacturer or authorized agent, and to all objects of fine arts the name of the artist must be affixed, if known.

4. Articles which are the products of the soil must be entered in the name of the producer of the same.

5. Every animal must be entered for competition in the name of the owner (except when sires or dams are shown with their progeny), but such names shall not appear on the entry card.

6. On the entry of each animal or article, a card will be furnished the exhibitor, specifying the class, the number of the lot, and the number of the entry, which card must remain attached to the article or animal during the exhibition, except in Classes C, D and E, where the cards shall be attached to the pen or coop.

7. No animal or article will be entitled to a place on the grounds until the entry shall shall have been made as above, except in cases of emergency, and then at the discretion of the Superintendent of the department. Any person who shall enter stock, and occupy a stall or pen therewith, and shall fail to show the same in the class entered, shall be required to pay a penalty of not less than $10.00, and the stock so entered shall not be removed from the grounds until such fine is paid. The Superintendents of Forage, and of the Classes A, B, C and D, shall be a committee to determine whether such stock shall have been shown in good faith, and their decision shall be final.

8. Cattle and horses must have been owned by the party in whose name they are exhibited for at least thirty days before exhibition.

9. *All statements and pedigrees required must be presented to the Secretary at the time of making entry.*

10. A single animal may be exhibited as one of a herd or pair, and in sweepstakes in his or her class; but shall not otherwise be entered in more than one lot (except in lots 31 and 32.)

11. All State and public institutions shall be allowed to exhibit, but shall not be permitted to compete for premiums.

12. Exhibitors will at all times give the necessary personal attention to whatever they may have on exhibition, and at the close of the Fair take entire charge of the same. The hour of closing will be announced by the Marshal of the Ring.

13. Diligence will be used by the officers of the Board to prevent injury to or loss of animals or articles on exhibition; but the Board will not be responsible for any damage or loss to animals or articles, or injury to persons that may occur.

AWARDING COMMITTEES.

1. Copies of this Premium List will be sent to the Secretary of each Agricultural Society in this State, and to each member of the awarding committees.

2. Members of awarding committees will report to the Superintendents at their respective departments at 9 o'clock A.M. of the day fixed for awarding premiums on the lots on which they respectively judge.

3. All awards shall be made by ballot without consultation. Awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals, herds, or articles voted for shall receive the premium.

4. No person shall act as judge in any lot in which he may be interested as an exhibitor, agent or employe of an exhibitor, or otherwise.

5. No animal, article or object deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition. The awarding committee may award any grade of premium, according to the merit of the animal or article.

6. Any exhibitor attempting to interfere with the judges during their adjudication will be promptly excluded from competition.

7. Protest designed to affect awards must be made by an interested party and notice given to the Superintendent of Department before the examination of the protested animal or article by the awarding committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for protesting, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee.

In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In case of protest based on fraud or other cause of ineligibility the owner of the protested animal or article shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.

In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of fraud, which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

8. Objections to a person serving as a member of an awarding committee must be submitted to the Superintendent in writing prior to making any award, giving good and sufficient reasons therefor. Superintendents receiving such objections, if deeming them worthy of consideration, shall report the same to the President, who, with the Superintendent, shall constitute a committee to fill the vacancy.

9. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the awarding committee, or shall otherwise insult the awarding committee, shall forfeit the premium and be excluded from competition.

10. The judges will report only on the animals or articles entitled to premiums in the regular lists. No *discretionary premiums* shall be awarded; but articles or animals which are not included in the regular list shall be commended, and the recommendation, together with the reasons therefor, entered on committee's book, for action of the Board at the January meeting, 1886.

11. Symmetry, size, early maturity, and general characteristics of each of the several breeds of animals will be considered, and proper allowance made for age, feeding and other circumstances.

12. Should any doubt arise as to the regularity of entry, or any other important matter which the committee feel incompetent to decide, they shall at once report the same to the Superintendent of the department for decision.

13. Awarding committees are instructed, that if they shall have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of the department, who shall report the same to the Board, who may expel such exhibitor for fraud, for at least two years.

14. Each award (and notice of protest, if any is made,) must be written in a plain, careful manner by the Superintendent, in blank page opposite the entry.

15. The books must be returned by the Superintendent of each department to the Secretary as soon as the awards in each are completed.

16. Great care must be exercised to preserve the awarding committees' books, and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid only on these entries.

17. Superintendents will be particular to observe the following rules:

Blue Ribbons are designed for the first premiums.

Red Ribbons for second premiums.

White Ribbons for third premiums.

Ribbons shall be affixed at the time of the awards, on all the animals shown in the ring. Upon all other animals or articles, the several Superintendents shall attach the ribbons as awarded by the committees, and they are NEVER to be affixed to articles entered as *miscellaneous*. The green and yellow ribbons ars designed for miscellaneous articles, for which *no premiums can be awarded*, except by the State Board—the *Green Ribbon* for *highest* commendation, and the *Yellow Ribbon* for *high* commendation.

18. Awarding committees will consist of three persons, except in Class E, Poultry, where a single judge shall pass upon the exhibit.

19. Decisions of awarding committees shall be final, and no appeal will be considered except in case of protest.

RULES APPLICABLE TO ANIMALS.

1. Exhibitors of animals must place their names and addresses, and the name of the particular breed to which each animal belongs, and its age, in a conspicuous place in their respective stalls or pens. It is the duty of the Superintendent of Forage and Stalls to see that this rule is enforced.

2. When on exhibition in the ring, each animal must be under halter or bridle, and in charge of a groom.

3. Straw will be furnished at convenient points on the grounds, without charge; food for stock can be purchased at market rates on the grounds. For information apply to the Superintendent of Forage. Water will be distributed at convenient points.

4. No animal, or article on exhibition, can be removed from the grounds until the close of the Fair, except animals affected by disease, and in such cases only upon the written permission of the President.

5. The age of animals, except as noted, shall be determined from the date advertised for exhibiting the same in the programme of the Fair.

6. The Superintendents of Classes A, B and C shall exclude stock from competition should there be unnecessary or embarrassing delay on the part of the exhibitors in bringing animals into the show ring.

7. Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Fair of 1885, will be excluded from the grounds.

8. In case of outbreak of any contagious or infectious disease among domestic animals, making it advisable for for the public safety that such stock should not be exhibited at the State Fair or Fat Stock Show, the Board reserves the right, in case of such an emergency, to withdraw the premiums therefor, by giving the public due notice of such action.

CONTRACTS FOR LABOR AND MATERIAL.

All contracts for labor and material required for the Fair and Fat Stock Show, not made by the purchasing agent, shall be made in duplicate, by the member or committee authorized to make the expenditure, the original copy to be given to the party contracted with, and the duplicate to be filed with the auditing committee without delay.

COLLECTION OF FUNDS.

Officers and members of the Board receiving moneys of the Board, must promptly pay the same over to the Treasurer, taking his itemized receipt in duplicate therefor. The party collecting and transferring the funds must without unnecessary delay forward the duplicate receipt of the Treasurer to the Secretary, who will credit the several accounts with the amounts named.

AUDITING COMMITTEE.

All vouchers for expenses incurred in connection with the State Fair and Fat Stock Show must be approved by a majority of the Auditing Committee, and then entered in a book kept for that purpose by the Secretary, who will issue an order on the Treasurer for the same, in favor of the party furnishing the service or material. Said vouchers must be made in detail, and certified by the member or committee on whose order the service or material was furnished. All bills must be presented to the Auditing Committee within ten days after the close of the Fair or Fat Stock Show.

SUPERINTENDENTS OF DEPARTMENTS.

1. Each Superintendent of a Department will have the selection of his assistants, the arrangement and supervision of all articles or animals on exhibition in his department, and be responsible to the State Board for his management of the same.

2. He will afford the awarding committee every facility for examination; will affix the ribbons under the direction of the committees; shall have charge of the books; and when the awards are finished return the books to the Secretary.

3. Each Superintendent is expected to exercise great care in preserving and returning the department books, as upon the entries of awards in them, and upon no other authority, can checks for premiums be drawn.

4. It shall be the duty of each Superintendent of Department to notify the General Superintendent as to the number of policemen required in his department before September 1, 1885.

5. He shall call the attention of awarding committees to the rules and conditions governing awards.

6. It shall also be his duty, at the close of the Fair, to make to the Board a report in detail of his department, giving the general features of the same, as to extent, quality, variety, etc., and to make such suggestions for improvement as shall occur to him during the Fair.

7. Superintendents of Departments, other than live stock, shall use their best efforts to have awards completed not later than Wednesday evening, September 16, 1885.

SUPERINTENDENT PURCHASING DEPARTMENT,

Shall make, on the requisition of Superintendents, any necessary purchases of material (except forage), in connection with the State Fair and Fat Stock Show, and obtain vouchers therefore except for sums under five dollars, which may be paid upon his voucher—said voucher to give items in detail and names of parties from whom purchased. The purchasing agent shall have the custody of all the personal property of the Board used in connection with the Fair and Fat Stock Show, and at the opening of the Fair and Fat Stock Show shall issue the same upon requisitions of members of the Board. Members of the Board at the close of the Fair and Fat Stock Show will return all such property to the Superintendent of the Purchasing Department, who will turn the same over to the Secretary, taking his receipt therefor.

SUPERINTENDENT PERMITS AND PRIVILEGES,

1. Will sell privileges for dining halls, booths, stands, etc., for the Fair, on Thursday, August 13, 1885, at 10 o'clock A.M., on the Fair Grounds at Chicago.

2. No privileges granted for less than $25, and payment must be made in advance for all permits issued for $100 or less, and no permits will be granted for the sale of cheap jewelry. No peddling will be allowed on the Fair Grounds.

SUPERINTENDENT OF GATES AND TICKETS.

The Superintendent of Gates and Tickets will have charge of the gates and ticket takers. He will also furnish the Treasurer and all Superintendents with the necessary tickets for their departments, and collect and recount the same.

GENERAL SUPERINTENDENT.

1. The Superintendent of the Grounds will have charge of the police and fire department and that portion of the Amphitheatre assigned to the press and invited guests, and shall assign such number of policemen to the several departments as the Superintendents may require.

2. The Superintendent will lend any assistance in his power by way of information, directions and facilities for reaching the grounds, though neither he nor the Board will be, under any circumsances, responsible for transportation. He will direct exhibitors to proper departments on the grounds, assign places for encampment, and exercise a general supervision, preserving order and decorum. He will see that a proper supply of water for drinking purposes is on the grounds and convenient of access, and will take charge of all public sales of stock or other articles during the Fair.

THE SUPERINTENDENT OF STALLS AND FORAGE,

Will assign stalls for cattle and horses, upon the certificate of the Secretary that the fees therefor are paid; provide the necessary supplies of forage, litter and water for stock on exhibition, and see to the proper distribution of the same.

MARSHAL OF THE RING.

1. The Marshal of the Ring will superintend the position and display of animals when brought into the ring; preserve order, and properly enforce the rules of the Board in the Amphitheatre and Exhibition Ring; announce the awards, and have the care and control of the Amphitheatre, except that portion occupied by the press and invited guests.

2. No person will be allowed in the ring at the time of making the awards, except Awarding Committees, officers of the Board, persons especially invited, and grooms in charge of stock.

3. The Marshal of the Ring will exclude all persons from the immediate vicinity of stock on exhibition in the ring, except the members of the acting Awarding Committees and grooms in charge of the animals.

PAYMENT OF PREMIUMS.

1. Premiums will be paid in cash, except where otherwise noted. The medals will be well executed, appropriately engraved, and will be ready for delivery at the January meeting of the State Board of Agriculture, 1886.

2. After the awards are made, and the books returned to the Secretary, he will draw, and on application, deliver to those entitled to them, *Checks on the Treasurer*, for the several amounts of cash premiums.

3. These checks must be *endorsed*, as they are payable to *order*—not to bearer—and on presentation to Treasurer, properly endorsed, will be paid.

4. Checks for premiums, not applied for during Fair week, will be forwarded by the Secretary, on receipt of proper instructions, at any time within three months after the award. Those not applied for within that time will be forfeited to the Department of Agriculture.

DESIGNATION OF OFFICERS.

The Officers and Superintendents of Departments will be designated by badges with their official positions engraved thereon. Assistants will wear ribbons, with department printed thereon. An Assistant Superintendent will not be allowed to wear the badge of his Superintendent except in his absence.

ADMISSION TO GROUNDS.

1. All exhibitors must obtain tickets of admission to the grounds at the Treasurer's office, near the entrance gate:

Exhibitors' ticket, entitling the purchaser to compete for every premium and be admitted to the grounds during the Fair	$ 1 50

VISITORS.

Ticket admitting one person	50
Ticket admitting child under twelve years of age	25
Ticket admitting one person on horseback	75
Ticket admitting one or two-horse vehicle	50
Ticket admitting four-horse vehicle	1 00

Each occupant of a vehicle must be provided with an admission ticket.

2. The Superintendent of Forage and Stalls will furnish exhibitors in classes A and B with tickets permitting their assistants to remain on the grounds, but such tickets will not entitle the holder to admission at the gates. In other departments this power is vested in the Superintendent thereof.

3. A strong and efficient police force, under the direction of the Superintendent of Grounds, assisted by a corps of detectives, will be on duty day and night.

4. No person will be permitted to remain on the grounds over night excepting those holding complimentary or exhibitors' tickets, or permits, unless he has purchased tickets for the next day.

THE PRESS.

The Press Committee will provide editors and reporters with the necessary permits to the grounds, and will assist them, so far as practicable, to such information regarding the Fair as may be of interest to the public.

REFRESHMENTS.

1. Ample arrangements will be made for victualing all who may attend.

2. Hotels and restaurants have agreed to charge only usual rates during the Fair.

GUESTS.

Delegates from other State Agricultural Organizations are cordially invited to attend this Fair, and are respectfully requested to report to the President, that they may receive suitable attention.

LIST OF PREMIUMS,

For the Fair of 1885.

CLASS A—Cattle.

LAFAYETTE FUNK, Superintendent Sec. 1.

JOHN P. REYNOLDS, Superintendent Sec. 2.

1. Protest designed to affect awards must be made by an interested party and notice given to the Superintendent of Department before the examination of the awarding committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for the protest, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protest will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee at the Fair.

In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.

In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.

2. All cattle exhibited must be in breeding condition, and evidence must be produced, if required, that they are breeders. Breeding cows must have produced a living calf within two years past.

3. All cattle must have been owned by the party in whose name they are exhibited for at least ten days before exhibition.

4. All applications for entry of thoroughbred cattle must be accompanied with name, age, and date of birth of the animal to be exhibited.

5. Pedigrees of cattle, in all cases, must be traceable to the American or Foreign Herd Books for the particular breeds to which they belong.

6. All awards shall be made by ballot, without consultation. Awarding committees shall consist of three judges; two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals, herds or other articles voted for shall receive the premium.

7. The Superintendent shall exclude stock from competition, should there be any unnecessary or embarrassing delay on the part of the exhibitors in bringing animals into the show ring.

8. All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock A.M., Tuesday, September 15, 1885.

9. Entries close Saturday, September 12, 1885, at 6 o'clock P.M.

10. Animals cannot be removed until the close of the Fair, except animals affected by disease, and in such cases only upon the written permission of the President.

11. The Superintendent of Forage and Stalls will furnish exhibitors of cattle with tickets, permitting their assistants to remain on the grounds, but such tickets will not entitle the holder to admission at the gate.

12. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2 00 per car each way. Brink's Chicago City Express Company, 65 Washington street, will receive goods sent by any Express Company to Chicago to their care and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks, or medium size crates not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

CLASS A—Cattle.

SECTION 1—BEEF BREEDS.

LAFAYETTE FUNK, SUPERINTENDENT.

Lot 1---Short-Horns.

BULLS.

1 Best Bull 3 years old or over.....$25 00
Second best..... 15 00
2 Best Bull 2 years old and under 3... 25 00
Second best..... 15 00
3 Best Bull 1 year old and under 2.... 20 00
Second best..... 10 00
4 Best Bull under 1 year old..... 15 00
Second best..... 10 00

COWS AND HEIFERS.

5 Best Cow 4 years old or over..... 25 00
Second best..... 15 00
6 Best Cow 3 years old and under 4... 25 00
Second best..... 15 00
7 Best Cow 2 years old and under 3... 25 00
Second best..... 15 00
8 Best Heifer 1 year old and under 2.. 20 00
Second best..... 10 00
9 Best Heifer under 1 year old..... 15 00
Second best..... 10 00

Lot 2—Short-Horns--Herd.

10 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....$50 00

Lot 3—Short-Horns — Sweepstakes.

11 Best Bull of any age.....$50 00
12 Best Cow or Heifer of any age..... 50 00

Lot 4—Herefords.

BULLS.

13 Best Bull 3 years old or over.....$25 00
Second best..... 15 00
14 Best Bull 2 years old and under 3.. 25 00
Second best..... 15 00
15 Best Bull 1 year old and under 2... 20 00
Second best..... 10 00
16 Best Bull under 1 year old..... 15 00
Second best..... 10 00

COWS AND HEIFERS.

17 Best Cow 4 years old or over.....$25 00
Second best..... 15 00
18 Best Cow 3 years old and under 4.. 25 00
Second best..... 15 00
19 Best Heifer 2 years old and under 3 25 00
Second best..... 15 00
20 Best Heifer 1 year old and under 2. 20 00
Second best..... 10 00
21 Best Heifer under 1 year old..... 15 00
Second best..... 10 00

Lot 5—Herefords—Herd.

22 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3 Heifer 1 year old and under 2, Heifer under one year old.....$50 00

Lot 6--Herefords—Sweepstakes.

23 Best Bull of any age.....$50 00
24 Best Cow or Heifer of any age..... 50 00

Lot 7—Devons.

BULLS.

25 Best Bull 3 years old or over.....$25 00
Second best..... 15 00
26 Best Bull 2 years old and under 3.. 25 00
Second best..... 15 00
27 Best Bull 1 year old and under 2... 20 00
Second best..... 10 00
28 Best Bull under 1 year old..... 15 00
Second best..... 10 00

COWS AND HEIFERS.

29 Best Cow 4 years old or over..... 25 00
Second best..... 15 00
30 Best Cow 3 years old and under 4.. 25 00
Second best..... 15 00
31 Best Heifer 2 years old and under 3 25 00
Second best..... 15 00
32 Best Heifer 1 year old and under 2. 20 00
Second best..... 10 00
33 Best Heifer under 1 year old..... 15 00
Second best..... 10 00

Lot 8—Devons—Herd.

34 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....$50 00

Lot 9—Devons — Sweepstakes.

35 Best Bull of any age.....$50 00
36 Best Cow or Heifer of any age..... 50 00

Lot 10—Polled Angus or Galloways.

BULLS.

37	Best Bull 3 years old or over	$25 00
	Second best	15 00
38	Best Bull 2 years old and under 3	25 00
	Second best	15 00
39	Best Bull 1 year old and under 2	20 00
	Second best	10 00
40	Best Bull under 1 year old	15 00
	Second best	10 00

COWS AND HEIFERS.

41	Best Cow 4 years old or over	25 00
	Second best	15 00
42	Best Cow 3 years old and under 4	25 00
	Second best	15 00
43	Best Heifer 2 years old and under 3	25 00
	Second best	15 00
44	Best Heifer 1 year old and under 2	20 00
	Second best	10 00
45	Best Heifer under 1 year old	15 00
	Second best	10 00

Lot 11—Polled Angus or Galloways—Herd.

46	Best Herd to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old	$50 00

Lot 12—Polled Angus or Galloways—Sweepstakes.

47	Best Bull of any age	$50 00
48	Best Cow or Heifer of any age	50 00

CLASS A—Cattle.

SECTION 2.—MILK BREEDS.

JOHN P. REYNOLDS, SUPERINTENDENT.

Lot 13—Holsteins or Friesians

BULLS.

49	Best Bull 3 years old or over	$25 00
	Second best	15 00
50	Best Bull 2 years old and under 3	25 00
	Second best	15 00
51	Best Bull 1 year old and under 2	20 00
	Second best	10 00
52	Best Bull under 1 year old	15 00
	Second best	10 00

COWS AND HEIFERS.

53	Best Cow 4 years old or over	25 00
	Second best	15 00
54	Best Cow 3 years old and under 4	25 00
	Second best	15 00
55	Best Heifer 2 years old and under 3	25 00
	Second best	15 00
56	Best Heifer 1 year old and under 2	20 00
	Second best	10 00
57	Best Heifer under 1 year old	15 00
	Second best	10 00

Lot 14—Holsteins or Friesians—Herd.

58	Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old	$50 00

Lot 15—Holsteins or Friesians—Sweepstakes.

59	Best Bull of any age	$50 00
60	Best Cow or Heifer of any age	50 00

Lot 16—Jerseys.

BULLS.

61	Best Bull 3 years old or over	$25 00
	Second best	15 00
62	Best Bull 2 years old and under 3	25 00
	Second best	15 00
63	Best Bull 1 year old and under 2	20 00
	Second best	10 00
64	Best Bull under 1 year old	15 00
	Second best	10 00

COWS AND HEIFERS.

65	Best Cow 4 years old or over	25 00
	Second best	15 00
66	Best Cow 3 years old and under 4	25 00
	Second best	15 00
67	Best Heifer 2 years old and under 3	25 00
	Second best	15 00
68	Best Heifer 1 year old and under 2	20 00
	Second best	10 00
69	Best Heifer under 1 year old	15 00
	Second best	10 00

Lot 17—Jerseys—Herd.

70	Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2 Heifer under 1 year old	$50 00

Lot 18—Jerseys—Sweepstakes

71	Best Bull of any age	$50 00
72	Best Cow or Heifer of any age	50 00

Lot 19—Ayrshires.

BULLS.

73 Best Bull 3 years old or over.....$25 00
Second best 15 00
74 Best Bull 2 years old and under 3.. 25 00
Second best 15 00
75 Best Bull 1 year and under 2..... 20 00
Second best 10 00
76 Best Bull under 1 year old..... 15 00
Second best 10 00

COWS AND HEIFERS.

77 Best Cow 4 years old or over $25 00
Second best 15 00
78 Best Cow 3 years old and under 4.. 25 00
Second best 15 00
79 Best Heifer 2 years old and under 3 25 00
Second best 15 00
80 Best Heifer 1 year old and under 2. 20 00
Second best 10 00
81 Best Heifer under 1 year old..... 15 00
Second best 10 00

Lot 20—Ayrshires—Herd.

82 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....$50 00

Lot 21—Ayrshires—Sweepstakes.

83 Best Bull of any age.....$50 00
84 Best Cow or Heifer of any age..... 50 00

CLASS B—Horses, Jacks and Mules.

E. C. LEWIS, Superintendent.—SPEED AND LIGHT HORSES.

DAVID GORE, Superintendent.—HEAVY HORSES.

1. Protests designed to affect awards must be made by an interested party and notice given to the Superintendent of Department before the examination by the awarding committee is concluded, and a written statement, setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protests will be entertained at any time thereafter, previous to, or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee at the Fair.

In all cases where the protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.

In addition to the right of protest herein guaranteed to interested parties the State Board of Agriculture expressly reserves the right to take cognizance of any frauds which may have been consummated or attempted and to deal with any party or parties implicated therein in such manner within the scope of the power of the Board as may from the evidence relating thereto be deemed just and proper.

In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.

2. The same animal, being otherwise eligible under the rules, may be entered and shown as one of a pair, and in sweepstakes in his or her class, but shall not otherwise be entered in more than one lot, except Lots 31 and 32.

3. All horses must have been owned by the party in whose name they are exhibited for at least ten days before exhibition.

4. The age of horses and foals will be reckoned from January 1. All foals will be considered one year old on the first of January succeeding birth.

5. All awards shall be made by ballot, and without consultation. Awarding committee shall consist of three judges, two of whom if agreed, shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals, herds or articles voted for shall receive the premium.

6. The Superintendent shall exclude stock from competition should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

7. Pedigrees of horses, including the draft breeds, in all cases, must be traceable to the American or Foreign Stud books for the particular breeds to which they belong.

8. All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock A. M., Tuesday, September 15, 1885.

9. Entries close Saturday, September 12, 1885, at 6 o'clock P. M.

10. Animals cannot be removed until the close of the Fair, except animals affected by diseases, and in such cases only upon the written permission of the President.

The Superintendent of Forage and Stalls will furnish exhibitors of horses with tickets permitting their assistants to remain on the grounds, but such tickets will not entitle the holder to admission at the gates.

11. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charge for transfer to and from the Fair Grounds will be $2.00 per car each way.

Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care, and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

CLASS B—Horses.

Section 1—SPEED AND LIGHT HORSES.

E. C. LEWIS, Superintendent.

Lot 22—Thoroughbred.

STALLIONS.

85	Best Stallion 4 years old or over	$25 00
	Second best	15 00
86	Best Stallion 3 years old and under 4	20 00
	Second best	10 00
87	Best Stallion 2 years old and under 3	20 00
	Second best	10 00
88	Best Stallion 1 year old and under 2	15 00
	Second best	10 00
89	Best Stallion Colt under 1 year old	15 00
	Second best	10 00

MARES.

90	Best Mare 4 years old or over	25 00
	Second best	15 00
91	Best Mare 3 years old and under 4	20 00
	Second best	10 00
92	Best Mare 2 years old and under 3	20 00
	Second best	10 00
93	Best Mare 1 year old and under 2	15 00
	Second best	10 00
94	Best Mare Colt under 1 year old	15 00
	Second best	10 00

BREEDING RINGS.

95	Best two Colts of either sex under 4 years of age, to be shown with their dam	50 00
96	Best five Colts of either sex under 4 years of age, to be shown with their sire	100 00

Lot 23—Thoroughbred—Sweepstakes.

Style, action and speed to be the test.

97	Best Stallion of any age	$100 00
98	Best Mare of any age	50 00

Lot 24—Roadsters.

Speed, form and style in action shall be considered in deciding awards.

Animals over two years old to be shown to harness.

STALLIONS.

99	Best Stallion 4 years old or over	$25 00
	Second best	15 00
100	Best Stallion 3 years old and under 4	20 00
	Second best	10 00
101	Best Stallion 2 years old and under 3	20 00
	Second best	10 00
102	Best Stallion 1 year old and under 2	15 00
	Second best	10 00
103	Best Stallion Colt under 1 year old	15 00
	Second best	10 00

MARES.

104	Best Mare 4 years old or over	25 00
	Second best	15 00
105	Best Mare 3 years old and under 4	20 00
	Second best	10 00
106	Best Mare 2 years old and under 3	20 00
	Second best	10 00
107	Best Mare 1 year old and under 2	15 00
	Second best	10 00
108	Best Mare Colt under 1 year old	15 00
	Second best	10 00

BREEDING RINGS.

109	Best two Colts of either sex under 4 years of age, to be shown with dam	50 00
110	Best five Colts of either sex under 4 years of age, to be shown with their sire	100 00

Lot 25—Roadsters—Sweepstakes.

Speed, form and style in action shall be considered in deciding awards.

Animals to be shown at option of owner.

111 Best Roadster Stallion of any age $100 00
112 Best Roadster Mare of any age.. 50 00

Lot 26—Saddle Horses.

(To be exhibited under the Saddle.)

STALLIONS.

113 Best Saddle Stallion 4 years old or over $20 00
Second best 10 00
114 Best Saddle Stallion 3 and under 4 years old 20 00
Second best 10 00
115 Best Saddle Stallion 2 and under 3 years old 20 00
Second best 10 00

MARES.

116 Best Saddle Mare 4 years old or over 20 00
Second best 10 00
117 Best Saddle Mare 3 and under 4 years old 20 00
Second best 10 00
118 Best Saddle Mare 2 and under 3 years old 20 00
Second best 10 00

SWEEPSTAKES.

119 Best Saddle Gelding any age 50 00
120 Best Saddle Mare any age 50 00
121 Best Saddle Stallion any age 100 00

BREEDING RINGS.

122 Best five Colts of either sex under 4 years of age, to be shown with their sire $100 00

Lot 27—Carriage Horses.

123 Best Carriage Team—shown to carriage $40 00
Second best 20 00
124 Best Family Mare or Gelding—to be driven to buggy 20 00
Second best 10 00

Lot 28—Gentlemen's Driving Horses.

The committee, in making awards, will consider size, style, carriage, speed and other requisites that make up the highest type of a gentleman's driving horse.

125 Best pair of Mares—to pole $40 00
Second best 20 00
126 Best pair of Geldings—to pole 40 00
Second best 20 00
127 Best single Stallion—to harness... 40 00
Second best 20 00
128 Best single Mare—to harness 30 00
Second best 15 00
129 Best single Gelding—to harness... 30 00
Second best 15 00

Lot 29—Equestrianism.

BOY'S RIDING.

To boy not over 14 years old, displaying the best horsemanship in the saddle.

130 1st premium $10 00
2d " 5 00
3d " 3 00
4th " 2 00
5th " 1 00

Lot 30—Saddle Ponies.

Any age or sex, under 14 hands.

131 1st premium $20 00
2d " 10 00

Lot 31—Speed.

All of the purses are for trotting in harness, best three in five, except numbers 136 and 137. Number 136 being to harness, mile and repeat; number 137 being to wagon, mile and repeat.

Authentic pedigrees will be required and no unsound animal will be allowed to compete.

Name and residence of owner as well as of the party making an entry must be given, and owners must furnish at time of making entry, the name, age, color and sex of the horse entered.

The entrance fee will be ten per cent of the purse and must positively accompany the nomination.

Entries close on Saturday, September 12th, 1885, at 11 o'clock P.M. and must be addressed to Charles F. Mills, Secretary State Board of Agriculture, Sherman House, Chicago, Ill.

No deviations from these conditions in any particular.

132—Purse $400.—For three-year olds $250 to first, $100 to second and $50 to third.
133—Purse, $500 for four-year olds, $350 to first, $100 to second and $50 to third.
134—Purse, $500 for five-year olds, $350 to first, $100 to second and $50 to third.
135—Purse, 600.—Free for all Stallions. $350 to first, $150 to second and $100 to third.
136—Purse, $500—For gentlemen's road horses owned in the State of Illinois.—$350 to first, $100 to second and $50 to third.

Horses to be eligible for this race must have been owned and driven by the gentlemen entering them for at least three consecutive months previous to the day of the races.

137—Purse, $500—For gentlemen's double team owned in the State of Illinois. $350 to first, $100 to second and $50 to the third.

Teams to be eligible for this race must have been owned and driven by the gentlemen entering them for at least three consecutive months previous to the day of the races.

LOT 32.

ILLINOIS ASSOCIATION OF TROTTING HORSE BREEDERS

Announce the following stakes for 1885 to be trotted during the Illinois State Fair at Chicago, September 14th to 19th, 1885. Entries closed Friday, April 10, 1885.

Tuesday, P. M., September 15, 1885.

138 Stake No. 11.—$300 added for stallions that make the season of 1885 in Illinois.—17 nominations.
139 Stake No. 13—$300 added for foals, 1882, and under.—15 nominations.

Wednesday, P. M., September 16, 1885.

140 Stake No 15—$300 added for foals, 1884 and under—17 nominations.
141 Stake No. 14—$300 added for foals 1883 and under—23 nominations.
142 Stake No 12—$300 added for foals 1881 and under—17 nominations.

Friday, P. M., September 18, 1885.

143 Stake No. 16. "The Chicago Horseman's" stake, $200 added for foals of 1882 and under —9 nominations.

The programme will be arranged so that the same colt can start in Nos. 13 and 16 if desired.

These stakes will be trotted several days apart.

Entrance, $20. For each stake $5 forfeit to accompany the nomination on or before Friday, April 10. $5 forfeit to be paid on or before Wednesday, June 10, the balance, $10, payable (from those intending to start only) on or before Thursday, September 10.

Stallions to be eligible to entry in stake No. 11 must be owned or stood by a member of this association.

Colts and fillies to be eligible to entry in stakes Nos. 12, 13, 14, 15 and 16 must be owned, bred and raised in Illinois by a member of this association, or the get of a stallion owned or stood by a member of this association.

Amount of stake and entrances divided as follows:

If four starters, first, 50 per cent; second, 25 per cent; third, 15 per cent; fourth, 10 per cent.

If three starters, first 55 per cent; second, 30 per cent; third 15 per cent.

If two starters, first, 65 per cent; second 35 per cent.

If one starter, amount of stake and entrances.

All nominations shall be in writing accompanied by draft or postal order for amount of first payment and addressed to CHARLES B. ALLAIRE, Secretary, Peoria, Illinois.

CLASS B—Horses.

SECTION 2—HEAVY HORSES.

DAVID GORE, SUPERINTENDENT.

Lot 33—Norman, Percheron.

(Imported or Full Blood.)

STALLIONS.

144	Best Stallion 4 years old or over	$25 00
	Second best	15 00
145	Best Stallion 3 years old and under 4	20 00
	Second best	10 00
146	Best Stallion 2 years old and under 3	20 00
	Second best	10 00
147	Best Stallion 1 year old and under 2	15 00
	Second best	10 00
148	Best Stallion Colt under 1 year old	15 00
	Second best	10 00

MARES.

149	Best Mare 4 years old or over	25 00
	Second best	15 00
150	Best Mare 3 years old and under 4	20 00
	Second best	10 00
151	Best Mare 2 years old and under 3	20 00
	Second best	10 00
152	Best Mare 1 year old and under 2.	15 00
	Second best	10 00
153	Best Mare Colt under 1 year old..	15 00
	Second best	10 00

BREEDING RINGS.

154 Best two Colts of either sex under 4 years of age, to be shown with their dam 50 00
155 Best five Colts of either sex under 4 years of age, to be shown with their sire 100 00

Lot 34--Norman, Percheron—Sweepstakes.

(Imported or Full Blood.)

156 Best Stallion of any age.....$100 00
157 Best Mare of any age..... 50 00

Lot 35—Clydesdale.

(Imported or Full Blood.)

158 Best Stallion 4 years old or over..$25 00
Second best 15 00
159 Best Stallion 3 years old and under 4..... 20 00
Second best 10 00
160 Best Stallion 2 years old and under 3. ..... 20 00
Second best 10 00
161 Best Stallion 1 year old and under 2. ... . 15 00
Second best 10 00
162 Best Stallion Colt under 1 year old 15 00
Second best 10 00

MARES.

163 Best Mare 4 years old or over..... 25 00
Second best 15 00
164 Best Mare 3 years old and under 4 20 00
Second best 10 00
165 Best Mare 2 years old and under 3 20 00
Second best 10 00
166 Best Mare 1 year old and under 2. 15 00
Second best 10 00
167 Best Mare Colt under 1 year old.. 15 00
Second best 10 00

BREEDING RINGS.

168 Best two Colts of either sex under 4 years of age, to be shown with their dam..... 50 00
169 Best five Colts of either sex under 4 years of age, to be shown with their sire..... .....100 00

Lot 36--Clydesdale—Sweepstakes.

(Imported or Full Blood.)

170 Best Stallion of any age.....$100 00
171 Best Mare of any age..... 50 00

Lot 37—English Shire.

(Imported or Full Blood.)

STALLIONS.

172 Best Stallion 4 years old or over..$25 00
Second best 15 00
173 Best Stallion 3 years old and under 4..... 20 00
Second best 10 00
174 Best Stallion 2 years old and under 3..... 20 00
Second best 10 00
175 Best Stallion 1 year old and under 2. .... 15 00
Second best 10 00
176 Best Stallion Colt under 1 year old 15 00
Second best 10 00

MARES.

177 Best Mare 4 years old or over... .$25 00
Second best. 15 00
178 Best Mare 3 years old and under 4 20 00
Second best.... .... 10 00
179 Best Mare 2 years old and under 3 20 00
Second best.... .... 10 00
180 Best Mare 1 year old and under 2. 15 00
Second best..... 10 00
181 Best Mare Colt under 1 year old.. 15 00
Second best 10 00

BREEDING RINGS.

182 Best two Colts of either sex, under 4 years of age, to be shown with their dam 50 00
183 Best five Colts of either sex, under 4 years of age to be shown with their sire.....100 00

Lot 38--English Shire—Sweepstakes.

(Imported or Full Blood.)

184 Best Stallion of any age.... .....$100 00
185 Best Mare of any age 50 00

Lot 39--Grade Draft Horses.

[Get of Full Blood Sires—Imported Horses Excluded.]

STALLIONS.

186 Best Stallion 4 years old or over..$25 00
Second best 15 00
187 Best Stallion 3 years old and under 4..... 20 00
Second best 10 00
188 Best Stallion 2 years old and under 3..... 20 00
Second best 10 00
189 Best Stallion 1 year old and under 2..... 15 00
Second best 10 00
190 Best Stallion Colt under 1 year old 15 00
Second best 10 00

MARES.

191 Best Mare 4 years old or over.....$25 00
Second best 15 00
192 Best Mare 3 years old and under 4 20 00
Second best..... 10 00
193 Best Mare 2 years old and under 3 20 00
Second best 10 00
194 Best Mare 1 year old and under 2. 15 00
Second best 10 00
195 Best Mare Colt under one year old 15 00
Second best 10 00

BREEDING RINGS.

196 Best two Colts of either sex, under 4 years of age to be shown with their dam 50 00
197 Best five Colts of either sex under 4 years of age, to be shown with their sire 100 00

Lot 40--Grade Draft Horses--Sweepstakes.

(Get of Full Blood Sires — Imported Horses Excluded.)

198 Best Stallion of any age $100 00
199 Best Mare of any age 50 00

Lot 41--Horses for all Work.

STALLIONS.

200 Best Stallion 4 years old or over..$25 00
Second best 15 00
201 Best Stallion 3 years old and under 4 ..... 20 00
Second best 10 00
202 Best Stallion 2 years old and under 3 ..... 20 00
Second best 10 00
203 Best Stallion 1 year old and under 2 15 00
Second best 10 00
204 Best Stallion Colt under 1 year old 15 00
Second best 10 00

MARES.

205 Best Mare 4 years old or over 25 00
Second best 15 00
206 Best Mare 3 years old and under 4 20 00
Second best 10 00
207 Best Mare 2 years old and under 3 20 00
Second best 10 00
208 Best Mare 1 year old and under 2. 15 00
Second best 10 00
209 Best Mare Colt under 1 year old... 15 00
Second best 10 00

BREEDING RINGS.

210 Best two colts of either sex, under 4 years of age, to be shown with their dam 50 00
211 Best five colts of either sex, under 4 years of age to be shown with their sire 100 00

Lot 42—Horses for all Work—Sweepstakes.

212 Best Stallion of any age $100 00
213 Best Mare of any age 50 00

Lot 43—Jacks, Jennets and Mules.

The Awarding Committee in Lots 43 and 44 are instructed to award no premiums to aged animals less than 14 hands high.

JACKS.

214 Best Jack 4 years old or over $25 00
Second best 15 00
215 Best Jack 3 years old and under 4. 20 00
Second best 15 00
216 Best Jack 2 years old and under 3. 20 00
Second best 15 00
217 Best Jack 1 year old and under 2. 15 00
Second best 10 00
218 Best Jack Colt under 1 year old... 10 00
Second best 5 00

JENNETS.

219 Best Jennet 3 years old or over...$25 00
Second best 15 00
220 Best Jennet 2 years old and under 3 ..... 20 00
Second best 15 00
221 Best Jennet 1 year old and under 2 15 00
Second best 10 00
222 Best Jennet Colt under 1 year old. 10 00
Second best 5 00

MULES.

223 Best Mule 3 years old or over 15 00
Second best 10 00
224 Best Mule 2 years old and under 3. 15 00
Second best 10 00
225 Best Mule 1 year old and under 2. 15 00
Second best 10 00
226 Best Mule Colt under 1 year old... 10 00
Second best 5 00

Lot 44—Jacks and Jennets—Sweepstakes.

227 Best Jack of any age, shown with not less than 3 of his get $50 00
228 Best Jennet of any age, to be shown with 2 of her colts..... 25 00
229 Best team of Mules 3 years old or over, to be shown to farm wagon 25 00
Second best 15 00

PREMIUMS AND RULES

FOR THE

SECOND ANNUAL SHOW

OF THE

AMERICAN CLYDESDALE ASSOC'N.

TO BE HELD AT

CHICAGO, SEPTEMBER 14--19, 1885.

IN CONNECTION WITH THE

ILLINOIS STATE FAIR.

RULES AND REGULATIONS.

All stallions and mares entered for competition (except grades) must be recorded in the the American Clydesdale Stud-Book, and the official registry certificate of the American Clydesdale Association must accompany the application for entry.

An entry fee of ten per cent. of the total amount of the premiums offered in each ring will be charged, and no application will be considered until said fee is paid.

No entrance fee refunded under any circumstances except at the discretion of the association.

Competition shall be open to all, but no awards shall be made except there be two or more competitors in each ring.

All animals entered in any of the rings, must have been owned by the individual, company or association in whose name they are entered at least thirty days prior to the exhibition.

Should an animal have been admitted to competition through misrepresentation or fraud the Executive Committee, on the discovery of the same, shall declare the entry void and expel such exhibitor for fraud, and any premiums awarded animals improperly entered will be forfeited to the association.

All stallions and mares offered for competition will be examined by a committee of experts, and any unsound or unworthy animal, as well as the apparent ages of the animals, will be reported by the experts to the Executive Committee prior to the time fixed for the commencement of the work by the Awarding Committee. All questions as to age, ownership, soundness, discrepancies and protests founded upon or arising out of allegations or facts relating to competing animals must and will be definitely settled by the Executive Committee, and in all cases where practicable previous to the time fixed for the commencement of the work by the Awarding Committee.

Animals affected by any contagious disease or having been exposed within time to endanger their health or condition will not be allowed to compete.

Exhibitors will at all times give the necessary personal attention to the stock they may have on exhibition, and at the close of the Fair take entire charge of and remove the same.

Premium animals will be weighed and measured at the time of the show, and report of the same given the Secretary prior to the payment of premiums.

AWARDING COMMITTEES.

Awarding Committees will consist of three expert judges, two of whom, if agreed, shall be competent to make an award. All awards shall be made by ballot, and without consultation, and any two judges failing to agree, the third shall be called to decide which of two animals voted for shall receive the premium.

Decision of awarding committee will be final and no appeal will be considered except in case of fraud. Any exhibitor attempting to interfere with the judges during their adjudications will be promptly excluded.

If the Association shall be satisfied that protests were instigated by improper or malicious motives, the association will withhold any prizes awarded in consequence, also exclude the contesting party from exhibiting at future shows, at the discretion of the Association.

A handsomely engraved diploma will be given to the owner of each animal awarded a premium. Such diploma will give the name and stud-book number of the animal, the breeder and exhibitor, as well as the character of the premium awarded.

The Association will endeavor to exercise due diligence to prevent injury to persons, animals, or property.

Exhibitors must conform to the regulations of the Association and of the persons having charge of the horse department of the State Fair during the show.

Lot 45—Recorded Clydesdales

STALLIONS.

230	Best Stallion, 4 years old and over	$60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
231	Best Stallion, 3 years old and under 4	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
232	Best Stallion, 2 years old and under 3	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
233	Best Stallion 1 year old and under 2	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
234	Best Stallion Colt under 1 year old	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..

MARES.

235	Best Mare 4 years old or over	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
236	Best Mare 3 years old and under 4	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
237	Best Mare 2 years old and under 3.	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
238	Best Mare 1 year old and under 2.	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..
239	Best Mare Colt under 1 year old	60 00
	Second best	30 00
	Third best	15 00
	Highly commended	.. ..
	Commended	.. ..

Lot 46—Grade Clydesdales.

For geldings and mares, sired by recorded Clydesdale Stallions and out of Mares having no Clydesdale blood.

GELDINGS.

240	Best Gelding, 4 years old and over	$30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..
241	Best Gelding 3 years old and under 4	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..
242	Best Gelding 2 years old and under 3	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..
243	Best Gelding 1 year old and under 2	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..
244	Best Gelding Colt under 1 year old	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..

MARES.

245	Best Mare 4 years old or over	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..
246	Best Mare 3 years old and under 4.	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..
247	Best Mare 2 years old and under 3	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..
248	Best Mare 1 year old and under 2.	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	.. ..

249	Best Mare Colt under 1 year old	30 00
	Second best	15 00
	Third best	10 00
	Highly commended	.. ..
	Commended	. ..

TEAM TO WAGON.

250	Best pair of Geldings	30 00
	Second best	20 00
251	Best pair of Mares	30 00
	Second best	20 00

CLASS C—Sheep.

D. W. VITTUM, Jr., Superintendent.

1. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination by the awarding committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for protesting, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee.

In all cases where protests are made at the Fair, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two or more years thereafter.

In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence shall be presented on the final consideration of the question at issue.

2. The awarding committees in Class C—Sheep—are expressly instructed that it is their duty in every case to require from each exhibitor, in lots for pure breeds, satisfactory evidence of purity of breeding, as claimed; and each committee, when awarding a premium in any such lot, will be understood to say by such award that, in their opinion, the animal receiving a premium is, beyond a reasonable doubt, purely bred, as claimed. They are further instructed that if they shall have good reasons to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee, or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of Class C—who shall immediately instruct the committee that such exhibitor is thenceforth excluded from competition at this Fair.

3. Stubble-shorn sheep and those with fleeces artificially colored will be excluded from competition.

4. All sheep must have been properly sheared on or before the first day of April, 1885.

5. All awards shall be made by ballot, and without consultation. Awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or flocks voted for shall receive the premium.

6. The Superintendent shall exclude stock from competition should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

7. Pedigrees of sheep, in all cases, must be traceable to the American or Foreign Records for the particular breeds to which they belong.

8 All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock A.M., Tuesday, September 15, 1885.

9. Entries close Saturday, September 12, 1885, at 6 o'clock P.M.

10. Awards will be made as rapidly as possible, and at such times as the Superintendent may designate.

11. Animals cannot be removed until the close of the Fair, except when affected by disease, and in such cases only upon the written permission of the President.

12. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way

Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; 1or barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

LONG WOOLS.

Lot 47—Cotswold.

RAMS.

252	Best Ram 2 years old or over	$15 00
	Second best	10 00
253	Best Ram 1 year old and under 2	15 00
	Second best	10 00
254	Best Ram Lamb under 1 year old	10 00
	Second best	5 00

EWES.

255	Best Ewe 2 years old or over	15 00
	Second best	10 00
256	Best Ewe 1 year old and under 2	15 00
	Second best	10 00
257	Best Ewe Lamb under 1 year old	10 00
	Second best	5 00

Sweepstakes.

258	Best Ram of any age	20 00
259	Best Ewe of any age	20 00

Lot 48—Leicester.

RAMS.

260	Best Ram 2 years old or over	$15 00
	Second best	10 00
261	Best Ram 1 year old and under 2	15 00
	Second best	10 00
262	Best Ram Lamb under 1 year old	10 00
	Second best	5 00

EWES.

263	Best Ewe 2 years old,or over	15 00
	Second best	10 00
264	Best Ewe 1 year old and under 2	15 00
	Second best	10 00
265	Best Ewe Lamb under 1 year old	10 00
	Second best	5 00

Sweepstakes.

266	Best Ram of any age	20 00
267	Best Ewe of any age	20 00

Lot 49—Lincoln.

RAMS.

268	Best Ram 2 years old or over	$15 00
	Second best	10 00
269	Best Ram 1 year old and under 2	15 00
	Second best	10 00
270	Best Ram Lamb under 1 year old	10 00
	Second best	5 00

EWES.

271	Best Ewe 2 years old or over	15 00
	Second best	10 00
272	Best Ewe 1 year old and under 2	15 00
	Second best	10 00
273	Best Ewe Lamb under 1 year old	10 00
	Second best	5 00

Sweepstakes.

274	Best Ram of any age	20 00
275	Best Ewe of any age	20 00

Lot 50—Long Wool Sweepstakes.

Open to all Pure Bred Long Wools.

276	Best Ram of any age	$20 00
277	Best Ewe of any age	20 00
278	Best Ram and 5 Ewes over 2 years old	30 00
279	Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by exhibitor	30 00

MIDDLE WOOLS.

Lot 51—Southdown.

RAMS.

280	Best Ram 2 years old or over	$15 00
	Second best	10 00
281	Best Ram 1 year old and under 2	15 00
	Second best	10 00
282	Best Ram Lamb under 1 year old	10 00
	Second best	5 00

EWES.

283	Best Ewe 2 years old or over	15 00
	Second best	10 00
284	Best Ewe 1 year old and under 2	15 00
	Second best	10 00
285	Best Ewe Lamb under 1 year old	10 00
	Second best	5 00

Sweepstakes.

286	Best Ram of any age	20 00
287	Best Ewe of any age	20 00

Lot 52—Shropshire.

RAMS.

288	Best Ram 2 years old or over	$15 00
	Second best	10 00
289	Best Ram 1 year old and under 2	15 00
	Second best	10 00

290 Best Ram Lamb under 1 year old. 10 00
Second best 5 00

EWES.

291 Best Ewe two years old or over... 15 00
Second best 10 00
292 Best Ewe 1 year old and under 2.. 15 00
Second best 10 00
293 Best Ewe Lamb under 1 year old.. 10 00
Second best 5 00

Sweepstakes.

294 Best Ram of any age..... 20 00
295 Best Ewe of any age..... 20 00

Lot 53—Hampshire.

RAMS.

296 Best Ram 2 years old or over.....$15 00
Second best 10 00
297 Best Ram 1 year old and under 2.. 15 00
Second best 10 00
298 Best Ram Lamb under 1 year old. 10 00
Second best 5 00

EWES.

299 Best Ewe 2 years old or over..... 15 00
Second best 10 00
300 Best Ewe 1 year old and under 2... 15 00
Second best 10 00
301 Best Ewe Lamb under 1 year old.. 10 00
Second best 5 00

Sweepstakes.

302 Best Ram of any age..... 20 00
303 Best Ewe of any age..... 20 00

Lot 54—Oxford.

RAMS.

304 Best Ram 2 years old or over.....$15 00
Second best 10 00
305 Best Ram 1 year old and under 2.. 15 00
Second best 10 00
306 Best Ram Lamb under 1 year old. 10 00
Second best 5 00

EWES.

307 Best Ewe 2 years old or over..... 15 00
Second best 10 00
308 Best Ewe 1 year old and under 2.. 15 00
Second best 10 00
309 Best Ewe Lamb under 1 year old.. 10 00
Second best 5 00

Sweepstakes.

310 Best Ram of any age..... 20 00
311 Best Ewe of any age..... 20 00

Lot 55—Middle Wool Sweepstakes.

Open to all Pure Bred Middle Wools.

312 Best Ram of any age.....$20 00
313 Best Ewe of any age..... 20 00
314 Best Ram and 5 Ewes over 2 years old..... 30 00
315 Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by exhibitor... 30 00

FINE WOOLS.

Lot 56—American Merino.

RAMS.

316 Best Ram 2 years old or over.....$15 00
Second best 10 00
317 Best Ram 1 year old and under 2.. 15 00
Second best 10 00
318 Best Ram Lamb under 1 year old.. 10 00
Second best 5 00

EWES.

319 Best Ewe 2 years old or over..... 15 00
Second best 10 00
320 Best Ewe 1 year old and under 2.. 15 00
Second best 10 00
321 Best Ewe Lamb under 1 year old.. 10 00
Second best 5 00

Sweepstakes.

322 Best Ram of any age..... 20 00
323 Best Ewe of any age..... 20 00

Lot 57—French, Silesian and Saxony Merino.

RAMS.

324 Best Ram 2 years old or over.....$15 00
Second best 10 00
325 Best Ram 1 year old and under 2.. 15 00
Second best 10 00
326 Best Ram Lamb under 1 year old. 10 00
Second best 5 00

EWES.

327 Best Ewe 2 years old or over..... 15 00
Second best 10 00
328 Best Ewe 1 year old and under 2.. 15 00
Second best 10 00
329 Best Ewe Lamb under 1 year old.. 10 00
Second best 5 00

Sweepstakes.

330 Best Ram of any age..... 20 00
331 Best Ewe of any age..... 20 00

Lot 58—Fine Wool Sweepstakes.

Open to all Pure Bred Fine Wools.

332 Best Ram of any age $20 00
333 Best Ewe of any age..... 20 00
334 Best Ram and 5 Ewes over 2 years old 30 00
335 Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by the exhibitor..... 30 00

Lot 59—Flocks—Grand Sweepstakes.

Symmetry, size, early maturity, and general characteristics of each of the several breeds of animals will be considered, and proper allowance made for age, feeding and other circumstances.

336 Best and largest display of breeding sheep of any breed, not less than 8 animals, exhibited by a resident of this State.....$100 00
Second best..... 50 00

Lot 60—Sheep Breeders' Prizes.

THREE SOLID SILVER GOBLETS,

CONTRIBUTED BY

ILLINOIS STATE WOOL GROWERS' ASSOCIATION.

The State Wool Growers' Association offers THREE SILVER GOBLETS, costing FIFTY DOLLARS EACH, to be awarded upon the following conditions, viz:

1. All competing animals to be of recognized pure blood, and to have been bred by, and at the time of exhibition, remain the property of the exhibitor. Award will be made only in case of competition.

2. Each pen to be composed of animals of the same breeding.

3. The exhibitor to furnish, at the time of making entry, a written statement, giving, as near as may be, the pedigree, age, weight, date and manner of shearing, and other important facts connected with the breeding and the management for the past year, of the animals exhibited by him. Such statement to be verified by affidavit of the exhibitor.

4. All competing animals to be scaled to the standard adopted by the State Wool Growers' Association, and the record so made to become a part of the report of the Examing Jury.

5. The party securing either of the prizes to hold it *in trust* until the opening day of the first succeeding Illinois State Fair, when it shall be placed in the hands of the President of the Illinois State Wool Growers' Association, to be again competed for. When taken the second time by any exhibitor the prize is to become his actual property.

LONG WOOLS.

Best Pen of 12 Pure Bred Sheep.....Silver Goblet, value $50 00
Pen to consist of 1 Ram and 5 Ewes 1 year old, 1 Ram and 5 Ewes under 1 year old.

MIDDLE WOOLS.

Best Pen of 12 Pure Bred Sheep.....Silver Goblet, value $50 00
Pen to consist of 1 Ram and 5 Ewes 1 year old, 1 Ram and 5 Ewes under 1 year old.

FINE WOOLS.

Best Pen of 16 Pure Bred Sheep.....Silver Goblet, value $50 00
Pen to consist of 1 Ram, any age, 5 Ewes 2 years old, 5 Ewes 1 year old, 5 Ewes under 1 year old.

CLASS D—Swine.

E. B. DAVID, Superintendent.

1. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination by the awarding committee is concluded, and a written statement, verified by affidavit, setting forth the reasons for protesting, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protests will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee.

In all cases where protests are made at the Fair, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two or more years thereafter. In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner, within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

In case of protest based on fraud or other cause of ineligibilty, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence shall be presented on the final consideration of the question at issue.

2. Awarding committees in Class D—Swine—are expressly instructed that it is their duty, in every case, to require from each exhibitor satisfactory evidence of purity of breeding, as claimed; and each committee, when awarding a premium in any such lot, will be understood to say, by such award, that in their opinion the animal receiving a premium is, beyond a reasonable doubt, purely bred, as claimed. They are further instructed, that if they shall have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of Class D, who shall immediately instruct the committee that such exhibitor is thenceforth excluded from competition at this Fair.

3. No committeeman, having passed judgment on an animal in its regular lot or ring, shall be eligible to serve on committee on Sweepstakes Ring where the same animal is shown.

4. Pedigrees of Swine, in all cases, must be traceable to the American or Foreign Records, for the particular breeds to which they belong.

5. All awards shall be made by ballot, and without consultation. Awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals voted for shall receive the premium.

6. Awards will be made as rapidly as possible, and at such time as the Superintendent may designate.

7. All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock A.M. Tuesday, September 15, 1885.

8. Entries close Saturday, September 12, 1885, at 6 o'clock P.M.

9. Animals on exhibition cannot be removed until the close of the Fair, except when affected by disease, and in such cases only upon the written consent of the President.

10. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way.

Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care and deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 61—Berkshire.

BOARS.

337	Best Boar 2 years old or over	$20 00
	Second best	10 00
338	Best Boar 1 year old and under 2	20 00
	Second best	10 00
339	Best Boar under 1 year old	15 00
	Second best	10 00

SOWS.

340	Best Sow 2 years old or over	20 00
	Second best	10 00
341	Best Sow 1 year old and under 2	20 00
	Second best	10 00
342	Best Sow under 1 year old	15 00
	Second best	10 00

BREEDERS' RING.

343	Best Sow with litter of her own pigs not less than 5, under 6 months old	20 00
	Second best	10 00
344	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows over 1 year old, owned by exhibitor	25 00
345	Best 5 head of Swine of any age, the get of 1 Boar, the sire to be shown with the pen and considered in making the award	20 00

Lot 62—Berkshire—Sweepstakes.

346	Best Boar of any age	$20 00
347	Best Sow of any age	20 00

Lot 63—Poland China.

BOARS.

348	Best Boar 2 years old or over	$20 00
	Second best	10 00
349	Best Boar 1 year old and under 2	20 00
	Second best	10 00
350	Best Boar under 1 year old	15 00
	Second best	10 00

SOWS.

351	Best Sow 2 years old or over	20 00
	Second best	10 00
352	Best Sow 1 year old and under 2	20 00
	Second best	10 00
353	Best Sow under 1 year old	15 00
	Second best	10 00

BREEDERS' RING.

354	Best Sow with litter of her own pigs, not less than 5, under 6 months old	20 00
	Second best	10 00
355	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows over 1 year old, owned by the exhibitor	25 00
356	Best 5 head of Swine of any age, the get of 1 Boar, the sire to be shown with the pen, and considered in making the award	20 00

Lot 64—Poland China—Sweepstakes.

357	Best Boar of any age	$20 00
358	Best Sow of any age	20 00

Lot 65—Chester White and Victoria.

BOARS.

359	Best Boar 2 years old or over	$20 00
	Second best	10 00
360	Best Boar 1 year old and under 2	20 00
	Second best	10 00
361	Best Boar under 1 year old	15 00
	Second best	10 00

SOWS.

362	Best Sow 2 years old or over	20 00
	Second best	10 00
363	Best Sow 1 year old and under 2	20 00
	Second best	10 00
364	Best Sow under 1 year old	15 00
	Second best	10 00

BREEDERS' RING.

365	Best Sow with litter of her own pigs, not less than 5, under 6 months old	20 00
	Second best	10 00
366	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor	25 00
367	Best 5 head of Swine of any age, the get of one Boar, the sire to be shown with the pen, and considered in making the award	20 00

Lot 66—Chester White and Victoria—Sweepstakes.

368	Best Boar of any age	$20 00
369	Best Sow of any age	20 00

Lot 67—Essex.

BOARS.

370	Best Boar 2 years old or over	$20 00
	Second best	10 00
371	Best Boar 1 year old and under 2	20 00
	Second best	10 00
372	Best Boar under 1 year old	15 00
	Second best	10 00

SOWS.

373	Best Sow 2 years old or over	20 00
	Second best	10 00
374	Best Sow 1 year old and under 2	20 00
	Second best	10 00
375	Best Sow under 1 year old	15 00
	Second best	10 00

BREEDERS' RING.

376 Best Sow with litter of her own

pigs, not less than 5, under 6 months old..... 20 00
Second best..... 10 00

377 Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor..... 25 00

378 Best 5 head of Swine of any age, the get of 1 Boar, sire to be shown with the pen, and considered in making the award .. 20 00

Lot 68—Essex—Sweepstakes.

379 Best Boar of any age.....$20 00
380 Best Sow of any age..... 20 00

Lot 69—Small Yorkshire and Suffolk.

BOARS.

381 Best Boar 2 years old or over.....$20 00
Second best..... 10 00
382 Best Boar 1 year old and under 2. 20 00
Second best..... 10 00
383 Best Boar under 1 year old..... 15 00
Second best..... 10 00

SOWS.

384 Best Sow 2 years old or over..... 20 00
Second best..... 10 00
385 Best Sow 1 year old and under 2 .. 20 00
Second best..... 10 00
386 Best Sow under 1 year old..... 15 00
Second best..... 10 00

BREEDERS' RING.

387 Best Sow with litter of her own pigs, not less than 5, under 6 months old..... 20 00
Second best..... 10 00

388 Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor..... 25 00

389 Best 5 head of Swine of any age, the get of 1 Boar, the sire to be shown with the pen, and considered in making the award.. 20 00

Lot 70—Small Yorkshire and Suffolk—Sweepstakes.

390 Best Boar of any age.....$20 00
391 Best Sow of any age..... 20 00

Lot 71—Duroc Jersey Red.

BOARS.

392 Best Boar 2 years old or over $20 00
Second best..... 10 00
393 Best Boar 1 year old and under 2.. 20 00
Second best..... 10 00
394 Best Boar under 1 year old..... 15 00
Second best..... 10 00

SOWS.

395 Best Sow 2 years old or over 20 00
Second best..... 10 00
396 Best Sow 1 year old and under 2... 20 00
Second best..... 10 00
397 Best Sow under 1 year old..... 15 00
Second best..... 10 00

BREEDERS' RING.

398 Best Sow with litter of her own pigs, not less than 5, under 6 months old..... 20 00
Second best..... 10 00

399 Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by exhibitor. 25 00

400 Best 5 head of Swine of any age, the get of 1 Boar, sire to be shown with the pen, and considered in making the award..... 20 00

Lot 72—Duroc Jersey Red—Sweepstakes.

401 Best Boar of any age.....$20 00
402 Best Sow of any age..... 20 00

Lot 73—Other Distinct Breeds

403 Best show of Swine of any distinct breed not named in the Premium List; the show to include 1 Boar and not less than 5 Sows of any age.....$25 00
Second best..... 15 00
Third best..... 10 00

Lot 74—Swine Breeders' Prizes.

SOLID SILVER GOBLETS.

CONTRIBUTED BY

THE ILLINOIS SWINE BREEDERS' ASSOCIATION.

COMPETITION OPEN TO ALL SWINE BREEDERS.

The State Swine Breeders' Association offers two SILVER GOBLETS, costing fifty dollars each, to be awarded upon the following conditions to the breeders of the best pen of Berkshire and best pen of Poland-China Swine.

Pen to consist of Boar over 1 year old, two Sows 2 years old or over, two Sows 1 and under 2 years old, and two Sows under 1 year old.

1. All competing animals to be of recognized pure blood, and to have been bred by, and at the time of exhibition, the property of the exhibitor. Award will be made only in case of competition.

2. Each pen to be composed of animals of the same breed.

3. The exhibitor to furnish, at the time of making entry, a written statement, giving, as near as may be, the pedigree, age, weight, date and manner of feeding, and other important facts connected with the breeding and the management of the animals exhibited by him. Such statement to be verified by affidavit of the exhibitor.

4. All competing animals to be scaled to the standard adopted by the State Swine Breeders' Association, and the record so made to become a part of the report of the Examining Jury.

5. The party securing either of the Prizes to hold it *in trust* until the opening day of the first succeeding Illinois State Fair, when it shall be placed in the hands of the President of the Illinois State Swine Breeders' Association to be again competed for. When taken a second time by any exhibitor, the Prize is to become his actual property.

CLASS E—Poultry.

JOHN GRIFFITH, Superintendent.

1. Poultry showing any symptoms of disease will be excluded from exhibition.

2. Stock must be entered in the name of the actual owner. Blanks for entry can be obtained on application to the Secretary.

3. All entries shall be in pairs, unless otherwise noted.

4. Poultry on exhibition can not be removed until the close of the Fair.

5. The vitality of all eggs laid during the exhibition shall be destroyed unless taken by the owners.

6. The American standard of excellence shall be the main guide for the judge.

7. The terms "fowl," "chick," etc., are thus refined: Fowl—a bird hatched prior to 1885; Chick—a bird hatched during 1885; Cock—a male bird hatched prior to 1885; Cockerel—a male bird hatched during 1885; Hen—a female bird hatched prior to 1885; Pullet—a female bird hatched during 1885.

8. The judge will award no premium to birds scoring less than 80 points by the American standard of excellence, or on fowls or birds improperly classed.

9. Coops to be furnished by exhibitor, neatly made, and so constructed as to show birds to the best advantage.

10. All poultry entered for exhibition shall be in place in the several departments not later than 9 o'clock A. M., Tuesday, September 15, 1885.

11. Entries close Saturday, September 12, 1885, at 6 o'clock P. M.

12. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way. Brink's Chicago City Express Company, 65 Washington street, will receive goods sent by any Express Company to Chicago to their care and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks, or medium size crates not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 75—Asiatic.

404	Best pair Light Brahmas—fowls	$3 00
	Second best	2 00
405	Best pair Light Brahmas—chicks	3 00
	Second best	2 00
406	Best pair Dark Brahmas—fowls	3 00
	Second best	2 00
407	Best pair Dark Brahmas—chicks	3 00
	Second best	2 00
408	Best pair Buff Cochins—fowls	3 00
	Second best	2 00
409	Best pair Buff Cochins—chicks	3 00
	Second best	2 00
410	Best pair Partridge Cochins—fowls	3 00
	Second best	2 00
411	Best pair Partridge Cochins—chicks	3 00
	Second best	2 00
412	Best pair White Cochins—fowls	3 00
	Second best	2 00
413	Best pair White Cochins—chicks	3 00
	Second best	2 00
414	Best pair Black Cochins—fowls	3 00
	Second best	2 00
415	Best pair Black Cochins—chicks	3 00
	Second best	2 00
416	Best pair Pea-Comb Partridge Cochins—fowls	3 00
	Second best	2 00
417	Best pair Pea-Comb Partridge Cochins—chicks	3 00
	Second best	2 00
418	Best display Asiatics—fowls or chicks	10 00

Lot 76—Dorking, Dominique, Plymouth Rock.

419	Best pair Silver Gray—fowls	$3 00
	Second best	2 00
420	Best pair Silver Gray—chicks	3 00
	Second best	2 00
421	Best pair White—fowls	3 00
	Second best	2 00
422	Best pair White—chicks	3 00
	Second best	2 00
423	Best pair Colored—fowls	3 00
	Second best	2 00
424	Best pair Colored—chicks	3 00
	Second best	2 00
425	Best pair American Dominiques—fowls	3 00
	Second best	2 00
426	Best pair American Dominiques—chicks	3 00
	Second best	2 00
427	Best pair Plymouth Rocks—fowls	3 00
	Second best	2 00
428	Best pair Plymouth Rocks—chicks	3 00
	Second best	2 00
429	Best display of Dorking, Dominique and Plymouth Rocks—fowls or chicks	10 00

Lot 77—Spanish.

430	Best pair Black Spanish (white face)—fowls	$3 00
	Second best	2 00
431	Best pair Black Spanish—chicks	3 00
	Second best	2 00
432	Best pair White Leghorn—fowls	3 00
	Second best	2 00
433	Best pair White Leghorn—chicks	3 00
	Second best	2 00
434	Best pair Brown Leghorn—fowls	3 00
	Second best	2 00
435	Best pair Brown Leghorn—chicks	3 00
	Second best	2 00
436	Best pair Dominique Leghorn—fowls	3 00
	Second best	2 00
437	Best pair Dominique Leghorn—chicks	3 00
	Second best	2 00
438	Best pair Black Leghorn—fowls	3 00
	Second best	2 00
439	Best pair Black Leghorn—chicks	3 00
	Second best	2 00
440	Best display of Spanish—fowls or chicks	10 00

Lot 78—Hamburgs.

441	Best pair Golden-Penciled—fowls	$3 00
	Second best	2 00
442	Best pair Golden-Penciled—chicks	3 00
	Second best	2 00
443	Best pair Silver-Penciled—fowls	3 00
	Second best	2 00
444	Best pair Silver-Penciled—chicks	3 00
	Second best	2 00
445	Best pair Golden-Spangled--fowls	3 00
	Second best	2 00
446	Best pair Golden - Spangled—chicks	3 00
	Second best	2 00
447	Best pair Silver-Spangled—fowls	3 00
	Second best	2 00
448	Best pair Silver-Spangled—chicks	3 00
	Second best	2 00
449	Best pair Black—fowls	3 00
	Second best	2 00
450	Best pair Black—chicks	3 00
	Second best	2 00
451	Best pair White—fowls	3 00
	Second best	2 00
452	Best pair White—chicks	3 00
	Second best	2 00

Lot 79—Polish.

453	Best pair Golden - Spangled—fowls	$3 00
	Second best	2 00
454	Best pair Golden - Spangled—chicks	3 00
	Second best	2 00
455	Best pair Silver-Spangled—fowls	3 00
	Second best	2 00
456	Best pair Silver-Spangled—chicks	3 00
	Second best	2 00
457	Best pair White-Crested Black—fowls	3 00
	Second best	2 00
458	Best pair White-Crested Black—chicks	3 00
	Second best	2 00
459	Best pair Sultan—fowls	3 00
	Second best	2 00
460	Best pair Sultan—chicks	3 00
	Second best	2 00
461	Best pair White—fowls	3 00
	Second best	2 00
462	Best pair White—chicks	3 00
	Second best	2 00

Lot 80—French.

463	Best pair Houdan—fowls	$3 00
	Second best	2 00
464	Best pair Houdan—chicks	3 00
	Second best	2 00
465	Best pair Crevecœur—fowls	3 00
	Second best	2 00
466	Best pair Crevecœur—chicks	3 00
	Second best	2 00
467	Best pair LaFleche—fowls	3 00
	Second best	2 00
468	Best pair LaFleche—chicks	3 00
	Second best	2 00

Lot 81—Game.

469	Best pair Black-breasted Red—fowls	$3 00
	Second best	2 00
470	Best pair Black-breasted Red—chicks	3 00
	Second best	2 00
471	Best pair White—fowls	3 00
	Second best	2 00
472	Best pair White—chicks	3 00
	Second best	2 00
473	Best pair Brown Red—fowls	3 00
	Second best	2 00
474	Best pair Brown Red—chicks	3 00
	Second best	2 00
475	Best pair Ginger Red—fowls	3 00
	Second best	2 00
476	Best pair Ginger Red—chicks	3 00
	Second best	2 00
477	Best pair Yellow Duck Wing—fowls	3 00
	Second best	2 00
478	Best pair Yellow Duck Wing—chicks	3 00
	Second best	2 00
479	Best pair Gray—fowls	3 00
	Second best	2 00
480	Best pair Gray—chicks	3 00
	Second best	2 00
481	Best pair Silver Duck Wing—fowls	3 00
	Second best	2 00
482	Best pair Silver Duck Wing—chicks	3 00
	Second best	2 00
483	Best pair Spangled—fowls	3 00
	Second best	2 00
484	Best pair Spangled—chicks	3 00
	Second best	2 00
485	Best pair Pile—fowls	3 00
	Second best	2 00
486	Best pair Pile—chicks	3 00
	Second best	2 00
487	Best pair White Pile—fowls	3 00
	Second best	2 00
488	Best pair White Pile—chicks	3 00
	Second best	2 00
489	Best pair Black—fowls	3 00
	Second best	2 00
490	Best pair Black—chicks	3 00
	Second best	2 00
491	Best pair Blue—fowls	3 00
	Second best	2 00
492	Best pair Blue--chicks	3 00
	Second best	2 00

Lot 82—Bantams.

493	Best pair Sebright--fowls	$3 00
	Second best	2 00
494	Best pair Sebright—chicks	3 00
	Second best	2 00
495	Best pair Red Pile Game—fowls	3 00
	Second best	2 00
496	Best pair Red Pile Game—chicks	3 00
	Second best	2 00
497	Best pair White—fowls	3 00
	Second best	2 00
498	Best pair White—chicks	3 00
	Second best	2 00
499	Best pair Black—fowls	3 00
	Second best	2 00
500	Best pair Black--chicks	3 00
	Second best	2 00
501	Best pair Pekin or Cochin--fowls	3 00
	Second best	2 00
502	Best pair Pekin or Cochin—chicks	3 00
	Second best	2 00
503	Best pair Japan--fowls	3 00
	Second best	2 00
504	Best pair Japan—chicks	3 00
	Second best	2 00
505	Best pair Black-Red Game--fowls	3 00
	Second best	2 00
406	Best pair Black-Red Game--chicks	3 00
	Second best	2 00
507	Best pair Brown-breasted Game—fowls	3 00
	Second best	2 00
508	Best pair Brown-breasted Game--chicks	3 00
	Second best	2 00
509	Best pair Duck Wing—fowls	3 00
	Second best	2 00
510	Best pair Duck Wing--chicks	3 00
	Second best	2 00

Lot 83—Miscellaneous.

511	Best pair Frizzlies—fowls	$3 00
	Second best	2 00
512	Best pair Frizzlies--chicks	3 00
	Second best	2 00
513	Best pair Silkies—fowls	3 00
	Second best	2 00
514	Best pair Silkies--chicks	3 00
	Second best	2 00
515	Best pair Rumpless--fowls	3 00
	Second best	2 00
516	Best pair Rumpless--chicks	3 00
	Second best	2 00
517	Best pair Pea Fowls	3 00
	Second best	2 00
518	Best two Capons	3 00
	Second best	2 00
519	Best Langshan--fowls	3 00
	Second best	2 00
520	Best Langshan--chicks	3 00
	Second best	2 00
521	Best Wyandottes--fowls	3 00
	Second best	2 00
522	Best Wyandottes--chicks	3 00
	Second best	2 00

Lot 84—Guineas.

523	Best pair White—fowls	$3 00
	Second best	2 00
524	Best pair White--chicks	3 00
	Second best	2 00
525	Best pair Common—fowls	3 00
	Second best	2 00
526	Best pair Common--chicks	3 00
	Second best	2 00

Lot 85—Turkeys.

527	Best pair Bronze—fowls	$4 00
	Second best	2 00
528	Best pair Bronze--chicks	4 00
	Second best	2 00
529	Best pair Black--fowls	4 00
	Second best	2 00
530	Best pair Black—chicks	4 00
	Second best	2 00
531	Best pair Slate—fowls	4 00
	Second best	2 00
532	Best pair Slate—chicks	4 00
	Second best	2 00
533	Best pair Buff--fowls	4 00
	Second best	2 00
534	Best pair Buff--chicks	4 00
	Second best	2 00
535	Best pair Narragansett--fowls	4 00
	Second best	2 00
536	Best pair Narragansett--chicks	4 00
	Second best	2 00
537	Best pair White—fowls.	4 00
	Second best	2 00
538	Best pair White—chicks	4 00
	Second best	2 00
539	Best display Turkeys	10 00

Lot 86—Ducks.

540	Best pair Aylesbury	$3 00
	Second best	2 00
541	Best pair Rouen	3 00
	Second best	2 00
542	Best pair Cayuga	3 00
	Second best	2 00
543	Best pair White Muscovy	3 00
	Second best	2 00
544	Best pair Colored Muscovy	3 00
	Second best	2 00
545	Best pair White-Crested	3 00
	Second best	2 00
546	Best pair Pekin	3 00
	Second best	2 00
547	Best pair Call	3 00
	Second best	2 00
548	Best pair East Indian or Labrador	3 00
	Second best	2 00
549	Best display of Ducks	10 00

Lot 87—Geese.

550	Best pair Embden	$4 00
	Second best	2 00
551	Best pair Toulouse	4 00
	Second best	2 00
552	Best pair White China	4 00
	Second best	2 00
553	Best pair Egyptian	4 00
	Second best	2 00
554	Best pair African	4 00
	Second best	2 00
555	Best display Geese	10 00

Lot 88—Rabbits.

556	Best pair Madagascar	$3 00
	Second best	2 00
557	Best pair White Angoras	3 00
	Second best	2 00
558	Best pair Fawn Angoras	3 00
	Second best	2 00
559	Best pair Himalay	3 00
	Second best	2 00
560	Best pair Dutch	3 00
	Second best	2 00
561	Best pair Belgian Hares	3 00
	Second best	2 00
562	Best pair English Rabbits	3 00
	Second best	2 00

Lot 89—Ferrets.

563	Best pair English Ferrets	$3 00
	Second best	2 00
564	Best pair American White Ferrets	3 00
	Second best	2 00

Lot 90—Pigeons.

565	Best display of Pigeons, not less than ten varieties	$10 00
	Second best	5 00

CLASS F—Mechanic Arts.

J. C. VAUGHAN, Superintendent.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned.

2. No premiums will be awarded in this class except for new inventions or designs, but every facility will be afforded for exhibition.

3. Articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A.M., Tuesday, September 15, 1885.

4. Entries close Saturday, September 12, 1885, at 6 o'clock P. M.

5. Articles on exhibition cannot be removed until the close of the Fair.

6. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charge for transfer to and from the Fair Grounds will be $2.00 per car each way.

Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care, and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 91—Stoves, Metal Work, etc.

566 Display of Ranges and Stoves.
567 Display of Plumbers' Work and Material.
568 Display of Brass and Ornamental Iron-Wire Work.
569 Display of Agricultural Hardware.
570 Best display of new inventions in Sanitary Plumbing—Silver Medal.
571 Display of Bicycles, Tricycles, Skates, etc
572 Display of Fire Arms.
573 Display of Cutlery.
574 Display of Pleasure Boats and Supplies for Aquatic Sports.
575 Best new invention in above class--Silver Medal.
576 Display of Lamps.
577 Display of Gas Burners.
578 Display of Gas Stoves.
579 Display of Electric Light and Apparatus.
580 Best new invention in Lighting Apparatus—Silver Medal.
581 Display of Silver-Plated Ware.
582 Best new designs in above class--Silver Medal and $20.
583 Display of Mantels and Decorative household fixtures.
584 Best new design or invention in Household Art in above class--Silver Medal and $10.
585 Display of Scales (other than hay or cattle.)
586 Best display of new designs in Wood Carving--Silver Medal and $10.
587 Best display of new designs in Plaster Ornaments—Silver Medal.
588 Display of Butchers' Machinery and Tools·
589 Display of Weather Vanes, etc.
590 Best new invention in operation for drying fruit, in general use—Silver Medal.
591 Display of Fruit Crates and Packages.
592 Best new invention in Water Filters--Silver Medal.

Lot 92—Furniture, Desks, etc.

593 Display of General Household Furniture.
594 Display of Laundry Fixtures and Supplies.
595 Display of School Furniture and Supplies.
596 Best new invention in above class--Silver Medal
597 Display of Office Desks and Fittings.
598 Washing Machine.
599 Wringer.

Lot 93—Manufactures of Various Kinds.

600 Display of Tiles for Mantels, Floors, etc·
601 Best new designs in above class--Silver Medal.
602 Display of Pottery.
603 Best new design in Pottery—Silver Medal and $10.
604 Best display of new designs in Terra Cotta for building ornaments--Silver Medal.
605 Best general display of new designs in Household Decorative Ware of Earthen, Porcelain or like material—Silver Medal and $25.
606 Display of Glass and Glass Ware.
607 Display of Mixed Paints ready for use.
608 Display of Willow Ware.
609 Display of Bound Blank Books.
610 Display of Paper, writing, wrapping and printing.
611 Display of Wall Papers, Borders and Wall Decorations.
612 Best display of new designs or inventions in above class—Silver Medal and $10.
613 Display of Philosophical, Mathematical and Surgical Instruments.
614 Display of Dental, Medical and Surgical Instruments and Appliances.
615 Display of Watches by manufacturer.
616 Best display of new inventions in the manufacture of Watches--Silver Medal.
617 Display of Jewelry by manufacturer.
618 Best display of new designs in Jewelry —Silver Medal.
619 Display of Fancy Toilet Goods.
620 Display of Soaps.
621 Display of Confections and Candies.
622 Display of Crackers.
623 Display of Druggists' Goods.
624 Display Bags and Bagging.
625 Display of Raw Furs.
626 Display of made up Furs.
627 Best new composition for roofing or siding--Silver Medal.

Lot 94--Leather and Products of Same.

628 General display of Harness and Carriage Goods.
629 Gentleman's Saddle.
630 Lady's Saddle.
631 Display of Leather not made up.
632 Display of Trunks and Traveling Bags.

Lot 95—Sewing and Knitting Machines.

633 Display of Family Sewing Machines.
634 Display of Manufacturing Sewing Machines.
635 Display of Knitting Machines in operation.

Lot 96—Mining Machinery.

636 Display of Hand Tools and Implements for Coal Miners.
637 Display of Steam or Horse-Power Mining Machinery.
638 Best new invention in Mining Machinery, Tools, etc.--Silver Medal and $10.

CLASS G—Farm Products.

JOSEPH SKEAVINGTON, Superintendent.

1. All Grains, Seeds and Vegetables competing for premiums must be exhibited by the producer, and must have been grown in the year 1885.

2. Awarding Committees will report for duty to the Superintendent promptly at 9 A.M. Tuesday, September 15, 1885.

3. All articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A.M., Tuesday, September 15, 1884.

4. Entries close Saturday, September 12, 1885, at 6 o'clock P.M.

5, No article on exhibition can be removed until the close of the Fair.

6. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way. Brink's Chicago City Express Company, 65 Washington street, will receive goods sent by any Express Company to Chicago to their care and will deliver the same with dispatch to the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 97—Grains and Seeds.

639	Best sample White Winter Wheat, not less than ½ bushel	$10 00
	Second best	5 00
640	Best sample Red Winter Wheat, not less than ½ bushel	10 00
	Second best	5 00
641	Best sample Red Spring Wheat, not less than ½ bushel	10 00
	Second best	5 00
642	Best sample Rye, not less than ½ bushel	5 00
	Second best	3 00
643	Best sample Oats, not less than ½ bushel	5 00
	Second best	3 00
644	Best sample Fall Barley, not less than ½ bushel	5 00
	Second best	3 00
645	Best sample Spring Barley, not less than ½ bushel	5 00
	Second best	3 00
646	Largest and best display of Grain in the straw	S. M. and 15 00
647	Best sample Buckwheat, not less than ½ bushel	5 00
	Second best	2 00
648	Best sample of Timothy Seed, not than ½ bushel	5 00
	Second best	2 00
649	Best sample Clover Seed, not less than ½ bushel	5 00
	Second best	2 00
650	Best sample Blue-Grass Seed, not less than ½ bushel	5 00
	Second best	2 00
651	Best sample of Orchard-Grass Seed, not less than ½ bushel	5 00
	Second best	2 00
652	Best sample Flax Seed, not less than ½ bushel	5 00
	Second best	2 00
653	Best sample Red Top Grass Seed, not less than ½ bushel	5 00
	Second best	2 00
654	Largest display of Forage Grasses, in varieties	10 00
655	Best 25 pounds of Broom Corn	5 00
	Second best	2 00
656	Best White Field Beans, not less than ½ bushel	5 00
	Second best	2 00
657	Best Castor Beans, not less than ½ bushel	5 00
658	Largest and best display of Grains and Seeds, samples distinct from the foregoing, by any one person, samples to consist of not less than 1 quart of Grain and 1 pint of Seed	Dip. and 30 00

Lot 98—Corn.

659	Best sample White Indian Corn, not less than ½ bushel, in the ear	$5 00
	Second best	3 00
660	Best sample Yellow Indian Corn, not less than ½ bushel, in the ear	5 00
	Second best	3 00
661	Best sample Pop Corn, not less than 1 peck, in the ear	3 00
	Second best	2 00
662	Best sample Sweet Corn, not less than ½ bushel, in the ear	3 00
	Second best	2 00

Samples receiving the following premiums to be the property of the State Board of Agriculture.

663	Best collection of Field Corn on the stalk, not less than five stalks of each variety	$10 00
	Second best	5 00
664	Best Bushel of Corn from the Northern Division Illinois	15 00
	Second best	10 00
665	Best Bushel of Corn from the Central Division Illinois	15 00
	Second best	10 00
666	Best Bushel of Corn from the Southern Division Illinois	15 00
	Second best	10 00

Lot 99—Vegetables.

Vegetables to be shown in ½-bushel baskets where that quantity is required.

667	Best early Irish Potatoes, not less than ½ bushel	$5 00
	Second best	3 00
668	Best late Irish Potatoes, not less than ½ bushel	5 00
	Second best	3 00
669	Best Sweet Potatoes, not less than ½ bushel	5 00
	Second best	3 00
670	Best Onions, not less than ½ bushel	4 00
	Second best	2 00
671	Best Table Turnips, not less than ½ bushel	4 00
	Second best	2 00
672	Best Beets for table use, not less than ½ bushel	4 00
	Second best	2 00
673	Best Mangel Wurzels, not less than ½ bushel each, of two or more varieties	4 00
	Second best	2 00
674	Best Parsnips for table use, not less than ½ bushel	4 00
	Second best	2 00
675	Best Cauliflower	4 00
	Second best	2 00
676	Best Celery, not less than 12 stalks	4 00
	Second best	2 00
677	Best four or more varieties Cabbage, not less than 6 heads each	8 00
	Second best	4 00
678	Best Tomatoes, not less than 1 peck	4 00
	Second best	2 00
679	Best 6 Pumpkins	4 00
	Second best	2 00
680	Best 6 Squashes	4 00
	Second best	2 00
681	Best 6 Watermelons	4 00
	Second best	2 00
682	Best 6 Muskmelons	4 00
	Second best	2 00
683	Best Carrots, not less than half a bushel each, of two or more varieties	5 00
	Second best	3 00
684	Best 6 Egg-Plant--fruit	4 00
	Second best	2 00
685	Best and greatest variety of Garden Seeds, named	10 00
	Second best	5 00
686	Best Tobacco, to be shown "in hand," not less than 10 pounds	4 00
687	Best Sugar Beets, not less than ½ bushel	5 00
	Second best	3 00
688	Largest and best display of Garden Vegetables, not less than twenty varieties, samples distinct from foregoing	10 00
	Second best	5 00
689	Best display of Garden Seeds ..... S. M. and	20 00
	Second best	10 00
690	Best display of Irish Potatoes, not less than 25 varieties, and ½ peck of each	Dip.

Lot 100—Bread, Cakes, Etc.

Bakers and Confectioners not allowed to compete except for largest display.

691	Best loaf of Wheat Bread, made with hop yeast	$4 00
	Second best	2 00
692	Best loaf of Wheat Bread, made with milk rising	4 00
	Second best	2 00
693	Best loaf of Bread, made of unbolted flour	4 00
	Second best	2 00
694	Best loaf of Rye Bread	4 00
	Second best	2 00
695	Best loaf of Corn Bread	4 00
	Second best	2 00
696	Best Sponge Cake	4 00
	Second best	2 00
697	Best Snow Cake	4 00
	Second best	2 00
698	Best Pound Cake	4 00
	Second best	2 00
699	Best Jelly Cake	4 00
	Second best	2 00
700	Best Fruit Cake	4 00
	Second best	2 00
701	Best Silver Cake	4 00
	Second best	2 00
702	Best Gold Cake	4 00
	Second best	2 00
703	Best Nut Cake	4 00
	Second best	2 00
704	Best Doughnuts	4 00
	Second best	2 00
705	Best Ginger Cake	4 00
	Second best	2 00
706	Best Marble Cake	4 00
	Second best	2 00
707	Best Orange Cake	4 00
	Second best	2 00
708	Best Lemon Cake	4 00
	Second best	2 00
709	Best Cocoanut Cake	4 00
	Second best	2 00
710	Best Queen of the Prairie Cake	4 00
	Second best	2 00
711	Best Chocolate Cake	4 00
	Second best	2 00
712	Best Crackers, not less than 5 pounds	4 00
	Second best	2 00
713	Largest and best display of Bread and Cakes by Baker or Confectioner ..... Diploma and	15 00
714	Best quart Sorghum Molasses	3 00
	Second best	2 00
715	Best sample of Sugar made of Sorghum, 5 or more pounds	3 00
	Second best	2 00
716	Best sample of Flavoring Extracts, in variety	Dip.
717	Best can Sweet Corn	2 00
718	Best can Common Corn	2 00
719	Best barrel Winter Wheat Flour	Dip.
720	Best barrel Spring Wheat Flour	Dip.

721 Best Starch of Wheat, not less than 10 pounds. Illinois manufacture Dip.
722 Best Starch of Indian Corn, not less than 10 pounds, Illinois manufacture .... Dip.

Lot 101 — Bees, Honey, Etc.

723 Largest display of Bees, under glass, so arranged as to be examined by visitors..... ..... $8 00
Second largest 5 00
724 Largest and best display of Comb Honey..... 8 00
Second premium..... 5 00
725 Largest and best display of Extracted Honey 8 00
Second premium 5 00
726 Largest and best display of Aparian appliances and books .... .. Dip.

CLASS H—Horticulture and Floriculture.

Section I.—Flowers, Plants, Etc.

GEORGE S. HASKELL, Superintendent.

1. All articles in this class must be correctly named and labeled, with not more than two specimens of any one variety.

2. Plants competing for a premium must be arranged together, and separate samples must be furnished for each entry.

3. Cut flowers and designs must be ready for inspection at or before 10 o'clock A.M. Tuesday, September 15, 1885.

4. Awarding Committees will report for duty to the Superintendent promptly at 1 o'clock P.M., Tuesday, September 15, 1885.

5. All articles entered for exhibition shall be in place in the several departments not later than 6 o'clock A.M., Tuesday, September 15, 1885.

6. Entries will positively close Saturday, September 12, 1885, at 6 o'clock P.M.

7. No article or object deemed unworthy shall be awarded a premium.

8. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2 00 per car each way. Brink's Chicago City Express Company, 65 Washington street, will receive goods sent by any Express Company to Chicago to their care, and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium sized crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 102.—Flowers and Plants

[For Professional Florists and Dealers only.]

727 Best collection of distinct varieties of Green-house and Hot-house Plants, not to include specimens entered for other premiums .....Dip. and $75 00
728 Best collection of Cacti, Agaves and Aloes..... ..... 8 00
729 Best collection of Echeverias and Succulents 5 00
730 Best and most showy varieties of Rex Begonias..... ..... 5 00
731 Best collection winter flowering Begonias..... 5 00
732 Best and largest collection Geraniums in flower..... 15 00
733 Best 6 varieties single Geraniums 5 00
734 Best 6 varieties double Geraniums 5 00
735 Best collection foliage and varigated Geraniums..... 5 00
736 Best new Seedling Geranium .... S. M.
737 Best collection of Carnations, in bloom 15 00
738 Best six Hanging Baskets of Plants..... 15 00
739 Best single Specimen Plant of any kind 5 00
740 Best collection of Palms..... ..... 15 00
741 Best single Palm..... ..... 5 00
742 Best single Ficus 3 00
743 Best collection of Ferns..... ..... 10 00
744 Best collection of Crotons..... 5 00
Second best 3 00
745 Best collection of Bulbs, correctly named .... S. M.

746	Best new and meritorious Plant..	Dip. and 5 00

Lot 103—Cut Flowers.

[For Professional Florists only.]

747	Best collection of Cut Flowers....	$15 00
	Second best	6 00
748	Best collection of Asters	8 00
	Second best	5 00
749	Best collection of Dahlias, named	10 00
	Second best	6 00
750	Best collection of Pompone or Bouquet Dahlias	5 00
	Second best	3 00
751	Best single Dahlia	3 00
	Second best	2 00
752	Best Seedling Dahlia	Dip.
753	Best display of Dianthus	8 00
	Second best	5 00
754	Best collection of Everlastings ...	Dip.
755	Best collection of Grasses	Dip.
756	Best and largest display of Cut Roses	20 00
	Second best	10 00
757	Best collection of Gladioli	10 00
	Second best	6 00
758	Best collection of Pansies	8 00
	Second best	5 00
759	Best collection of Phlox Drummondii	8 00
	Second best	5 00
760	Best collection of Tuberoses, cut stalks	6 00
	Second best	4 00
761	Best collection of Verbenas	8 00
	Second best	6 00
762	Best collection of Cut Geraniums.	8 00
	Second best	6 00
763	Best collection of Double Zinnias	5 00
	Second best	3 00
764	Best collection of Double Petunias	6 00
	Second best	4 00
765	Best collection of Single Petunias.	6 00
	Second best	4 00
766	Best and largest collection of Cut Flowers, including above	Dip.

FLORAL DESIGNS, BOUQUETS, Etc.

767	Best Floral Design	$40 00
	Second best	25 00
	Third best	15 00
	Fourth best	10 00
768	Best Wreath	8 00
769	Best pair Hand Bouquets	12 00
	Second best	8 00
770	Best basket of Cut Flowers	10 00
771	Best basket of Cut Roses	10 00
772	Best pair of Bouquets of Grasses..	5 00
773	Best pair of Bridal Bouquets	12 00
	Second best	8 00
774	Best Cross	8 00
775	Best design for Dinner Table Decorations	S. M. and 20 00
	Second best	12 00
776	Best display of Florists' Requisites	S. M.
777	Best and largest display of Floral Work, including above, with additional designs	50 00

Lot 104—Cut Flowers, Floral Designs and Bouquets by Amateurs.

Professional Florists not allowed under any circumstances to compete.

778	Best collection of Cut Flowers....	$6 00
	Second best	4 00
779	Best collection of Asters	4 00
	Second best	2 00
780	Best collection of Balsams	4 00
	Second best	2 00
781	Best collection of Dahlias, named, not less than 10 varieties	4 00
	Second best	3 00
782	Best collection of Dahlias, Bouquet or Pompone	3 00
	Second best	2 00
783	Best collection of Everlastings ...	3 00
	Second best	2 00
784	Best collection of Gladioli	5 00
	Second best	3 00
785	Best collection of Japan Pinks....	4 00
	Second best	3 00
786	Best collection of Single Petunias.	4 00
	Second best	3 00
787	Best collection of Double Petunias	4 00
	Second best	3 00
788	Best collection of Pansies	4 00
	Second best	3 00
789	Best collection of Phlox Drummondii	4 00
	Second best	3 00
790	Best collection of Cut Roses	4 00
	Second best	3 00
791	Best collection of Tuberoses	2 00
	Second best	1 00
792	Best collection of Verbenas	4 00
	Second best	3 00
793	Best Double Zinnia	3 00
	Second best	2 00

FLORAL DESIGNS, BOUQUETS, Etc.

794	Best Floral Design	$10 00
	Second best	8 00
795	Best Floral Design of Dahlias	4 00
796	Best Floral Wreath	4 00
797	Best Floral Heart	4 00
798	Best Floral Star	4 00
799	Best pair round Hand Bouquets...	4 00
	Second best	2 00
800	Best pair Grass Bouquets	4 00
	Second best	2 00
801	Best basket of Cut Flowers	4 00
	Second best	3 00
802	Best Winter Basket of Flowers, Leaves and Mosses	3 00
	Second best	2 00
803	Best pair of Winter Bouquets	3 00
	Second best	2 00

CLASS H—Horticulture and Floriculture.

SECTION II—FRUITS, JELLIES, PICKLES, ETC.

GEORGE S. HASKELL, SUPERINTENDENT.

1 All articles in this section must have been grown or produced by the exhibitor, and be correctly named and labeled; a plate of fruit to consist of four specimens, and only one plate of each variety will be permitted to compete for the same premium.

2. Fruit competing for the same premium must be arranged together, and separate samples must be furnished for each entry.

3. A list of fruit shown in collections, specifying the premiums for which entered, must be presented to the Superintendent for the use of the committees.

4. Apples entered for the premiums offered for collection grown in the Northern, Central and Southern Divisions of the State, must have been grown by the exhibitor in the division specified by the entry.

5. Awarding Committees will report for duty to the Superintendent promptly at 1 o'clock P. M., Tuesday, September 15, 1885.

6 Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way. Brink's Chicago City Express Company, 65 Washington street, will receive goods sent by any Express Company to Chicago to their care and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 105—Home-Grown Fruits

For Professional Fruit-Growers and Orchardists.

804	Best collection of Fruits by a Horticultural Society, to be grown within the territorial limits of the society exhibiting	$70 00
	Second best	45 00
	Third best	25 00
805	Best collection of Apples (Crabs excepted), 25 varieties	20 00
	Second best	15 00
806	Best collection, 10 varieties, of Apples for Southern Illinois, value for market purposes to be considered	15 00
	Second best	10 00
807	Best collection, 10 varieties, of Apples for Central Illinois, value for market purposes to be considered	15 00
	Second best	10 00
808	Best collection, 10 varieties, of Apples for Northern Illinois, value for market purposes to be considered	15 00
	Second best	10 00
809	Best specimens Crab Apples, not less than 5 varieties	3 00
810	Best collection of Pears, not less than 6 varieties, the product of this State	10 00
	Second best	6 00
811	Best collection of Autumn Pears, not less than 5 varieties, the product of this State	5 00
	Second best	3 00
812	Best collection of Winter Pears, not less than 5 varieties, the product of this State	5 00
	Second best	3 00
813	Best collection of Peaches, named, not less than 6 varieties	5 00
	Second best	3 00
814	Best collection of Plums, not less than 3 varieties	5 00
	Second best	3 00
815	Best 12 Quinces	3 00
816	Best display of Grapes, correctly named	15 00
	Second best	10 00
817	Best Early Grapes, not less than 3 varieties	4 00
	Second best	2 00
818	Best 3 varieties of Late Grapes, for table use, not less than 3 bunches each	4 00
	Second best	2 00
819	Best 3 varieties of Wine Grapes, not less than 3 bunches each	3 00
	Second best	2 00
820	Best single variety of New Grapes, not less than 2 bunches	Dip.
821	Most attractive and artistically arranged display of Fruits	15 00
822	Best 10 varieties Show Apples	10 00
823	Finest display of California Fruits	Dip.

Lot 106—Home-Grown Fruits

(No Professional Fruit-Grower allowed to compete under any circumstances.)

By Farmer or Amateur.

824	Best collection of Apples, 10 varieties	$10 00
	Second best	5 00
825	Best collection of Apples, 6 varieties	5 00
	Second best	3 00
826	Best Apples, 4 varieties	3 00
	Second best	2 00
827	Best collection of Pears	3 00
	Second best	2 00
828	Best collection of Peaches	3 00
	Second best	2 00
829	Best collection of Plums	3 00
	Second best	2 00
830	Best Early Grapes, not less than 4 bunches	4 00
	Second best	2 00
831	Best 3 varieties of Late Grapes, for table use, not less than 3 bunches each	4 00
	Second best	2 00
832	Best 3 varieties of Wine Grapes, not less than 3 bunches each	4 00
	Second best	2 00
833	Best 8 varieties of Apples for Southern Illinois	6 00
	Second best	4 00
834	Best 8 varieties of Apples for Central Illinois	6 00
	Second best	4 00
835	Best 8 varieties of Apples for Northern Illinois	6 00
	Second best	4 00
836	Best display of Grapes	6 00
	Second best	4 00

Lot 107—Jellies, Preserves, Pickles, Etc.

837	Best 6 or more varieties of Fruit Jelly, to include Apple, Plum, Quince, Crab Apple, Peach and Cherry	$8 00
	Second best	5 00
838	Best 6 or more varieties of small Fruit Jelly, to include Currant, Grape, Blackberry, Raspberry, Strawberry, and Gooseberry	8 00
	Second best	5 00
839	Largest and most attractive display of Jellies, not to include samples entered for other premiums	15 00
	Second best	10 00
840	Best 6 or more varieties of Canned Fruit, to include Apple, Plum, Quince, Crab Apple, Peach, Cherry and Tomato	8 00
	Second best	5 00
841	Best 6 or more vareties of Canned Small Fruits. to include Currant, Grape, Blackberry, Raspberry, Strawberry and Gooseberry	8 00
	Second best	5 00
842	Largest and most attractive display of Canned Fruits, not to include samples entered for other premiums	15 00
	Second best	10 00
843	Best 10 or more varieties of Preserved Fruits, to include Crab Apples, Quince, Grape, Pear, Strawberry, Cherry and Tomato	12 00
	Second best	8 00
844	Best 6 or more varieties of Fruit Butter, to include Apple, Peach, Pear, Plum, Quince and Crab Apple	7 00
	Second best	5 00
845	Best 6 or more varieties of Jam, to include Blackberry, Currant, Raspberry, Strawberry, Grape and Gooseberry	7 00
	Second best	5 00
846	Best 10 or more varieties of Sour Pickles, to include Cucumber, Cabbage, Onion, Mixed Pickles, Piccalilli, Chow Chow, Gherkins, Peaches, Mangoes and Cherries	8 00
	Second best	6 00
847	Best 5 or more varieties of Sauces, Relishes, Catsups, etc., to include Tomato, Walnut and Cucumber Catsups, Cider Vinegar and Table Sauce	6 00
	Second best	4 00
848	Best exhibition of Preserved Fruits, Vegetables or Animal Substances, without heat, sugar or air-tight jars	Dip.
	Second best	S.M.
849	Best, largest and most attractive display of Canned, Dried and Preserved Fruits, by manufacturer or dealer	S.M.

CLASS I—Arts.

J. IRVING PEARCE, Superintendent.

1. The name of the artist, if known, must be attached to all specimens of Sculpture, Painting, Drawing, etc.

2. All articles entered for exhibition must be in place in the several departments not later than 4 o'clock P.M. Monday, September 14, 1885,

3. Entries will positively close Saturday, September 12, 1885, at 6 o'clock P. M.

4. No article on exhibition can be removed until the close of the Fair, except upon the written permission of the President.

5. Awarding Committee will report for duty Tuesday at 10. A. M., September 15, 1885.

6. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2 00 per car each way. Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care, and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes, not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 108—Fine Arts.

850	Best specimen of Sculptnre	S. M.
851	Best collection Statuary	S. M.
852	Best collection of Sculpture	S. M.
853	Best Portrait in Oil, from Sittings	$10 00
	Second best	5 00
854	Best Illinois Landscape, in Oil, from Nature	20 00
	Second best	10 00
855	Best Landscape in Oil, from Nature	20 00
	Second best	10 00
856	Best Landscape in Oil, copy	10 00
	Second best	5 00
857	Best Animal Painting in Oil, from life	10 00
	Second best	5 00
858	Best Animal Painting in Oil, copy	5 00
	Second best	3 00
859	Best Game Piece in Oil	10 00
	Second best	5 00
860	Best Fruit Painting, in Oil	10 00
	Second best	5 00
861	Best Flower Painting, in Oil	10 00
	Second best	5 00
862	Best Painting in Oil other than above	10 00
	Second best	5 00
863	Best Portrait in Water Colors, from Sittings	10 00
	Second best	5 00
864	Best Landscape in Water Colors	6 00
	Second best	4 00
865	Best Flower Piece in Water Colors	6 00
	Second best	4 00
866	Best Fruit Piece in Water Colors	5 00
	Second best	3 00
867	Best Painting in Water Colors other than above	5 00
	Second best	3 00
868	Best Charcoal Sketch in Crayon, from Nature	3 00
	Second best	2 00
869	Best Pencil Drawing from Nature	5 00
	Second best	3 00
870	Best Pencil Drawing, copy	2 00
	Second best	1 00
871	Best and largest display Oil Paintings	40 00
	Second best	25 00
	Third best	15 00
872	Best and largest display of Paintings in Water Colors	15 00
	Second best	10 00

Lot 109—Decorative Art.

873	Best Painting on Satin (oil)	$5 00
	Second best	3 00
874	Best Painting on Velvet or Plush	5 00
	Second best	3 00
875	Best Kensington Painting	4 00
	Second best	2 00
876	Best Painted Face	3 00
	Second best	1 00
877	Best Flower or Fruit Painting on China	3 00
	Second best	2 00
878	Best Painted and Decorated China Plaque	3 00
	Second best	2 00
879	Best Painted Plaque	3 00
	Second best	2 00
880	Best Painted Tile	3 00
	Second best	2 00
881	Best Painted Umbrella-holder	3 00
	Second best	2 00
882	Best Painted Fire Screen	3 00
	Second best	2 00
883	Best Painted Panel	3 00
	Second best	2 00
884	Best Painted Sofa Pillow	3 00
	Second best	2 00
885	Best Painted Tidy	3 00
	Second best	2 00
886	Best Painted Lambrequin	3 00
	Second best	2 00
887	Best Painted Toilet Set	3 00
	Second best	2 00
888	Best Painted Stand Cover	3 00
	Second best	2 00
889	Best Painting on Pottery	3 00
	Second best	2 00
890	Best Landscape Painting on China	4 00
	Second best	2 00
891	Best Etching on Linen	3 00
	Second best	2 00
892	Best Etching on China	3 00
	Second best	2 00
893	Best Monotype	3 00
	Second best	2 00
894	Best Luster Painting	4 00
	Second best	2 00
895	Best and largest display of articles named in this lot, the work of party making the Etching within two years	20 00
	Second best	10 00

Lot 110—Photography, Etc.

No premium awarded in this lot, but every facility afforded for exhibition.

Articles must be entered and cards obtained from Secretary before space will be assigned.

896	Plain Photograph.
897	Photograph in India Ink.
898	Photograph in Water Colors.
899	Photograph in Oil.
900	Collection of 12 or more Stereoscopic Views.
901	Hand Crayon Work.
902	Solar Print Crayon Work.
903	Contact Photograph, not less than 11x14 inches.
904	Collection 12 or more Cabinet or Panel Photographs.
905	Display Photographic Work.

CLASS K—Textile Fabrics.

M. A. MORSE, Superintendent.

1. All articles in this class must be the handiwork of the exhibitor, and must have been manufactured within two years, unless otherwise noted.

2. The words "best display" refer in the first place to quality, and in the second place to quantity.

3. Under the general head of Embroidery are included Monograms, Cushions, Handkerchief Boxes, Glove Boxes, Wall Pockets, Suspenders, Letter Cases, Paper Receptacles, Tidies embroidered on different styles of canvass or otherwise, Dressing Cases, and all articles which shall be exclusively Embroidery. Each kind must compete with its kind. Silk embroidery cannot compete with worsted embroidery.

4. The committee are instructed not to award premiums unless the articles are deemed worthy of merit, nor to articles borrowed or purchased for competition, or to those incorrectly named.

5. Articles in this class will be examined Tuesday, September 15, 1885, commencing *promptly* at 9 o'clock A.M.

6. Articles entered for exhibition must be in place in the several departments not later than 5 o'clock P.M., Monday, September 14, 1885.

7. Entries positively close Saturday, September 12, 1885, at 6 o'clock P.M.

8. No article on exhibition can be removed until the close of the Fair, except upon the written permission of the President.

9. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way. Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care, and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 111—Manufactured Goods.

906	Best display of Woolen Goods	Dip.
907	Best display of Mixed Cotton and Wool	Dip.
908	Best display of Cotton Goods	Dip
909	Best display of Linen Goods	Dip.
910	Best display of Carpets	Dip.
911	Best display of Quilts	Dip.
912	Best display of Blankets	Dip.
913	Best display of Knit Goods	Dip.
914	Best display of Silk Goods	Dip.
915	Best display of Men's Clothing	Dip.
916	Best display of Ladies' Dresses	Dip.
917	Best display of Gloves and Mittens	Dip.
918	Best display of Fur Carriage Robes	Dip.
919	Best display of Society Regalia	Dip.
920	Best display of Dress Goods	Dip.
921	Best display of Millinery	Dip.
922	Best display of Ladies' Furs	Dip.

Lot 112.

TO BE THE HANDIWORK OF THE EXHIBITOR.

923	Best pair of Blankets	$3 00
	Second best	2 00
924	Best Foot Mat—Wool	3 00
	Second best	2 00
925	Best Parlor Rug—Wool	3 00
	Second best	2 00
926	Best Hearth Rug—Wool	3 00
	Second best	2 00
927	Best Hearth Rug—Rags	3 00
	Second best	2 00
928	Best Carriage Mat	3 00
	Second best	2 00
929	Best pair of Woolen Sheets	3 00
	Second best	2 00
930	Best pair of Linen Sheets	3 00
	Second best	2 00
931	Best Ladies' Dress	3 00
	Second best	2 00
932	Best Child's Dress	3 00
	Second best	2 00
933	Best suit Boy's Clothes	3 00
	Second best	2 00
934	Best Hand Made Shirt	3 00
	Second best	2 00
935	Best Machine Made Shirt	2 00
	Second best	1 00
936	Best Quilted Silk Skirt	3 00
	Second best	2 00
937	Best pair Curtains trimmed with lace	3 00
	Second best	2 00
938	Best pair of Ladies' Stockings—Wool	3 00
	Second best	2 00
939	Best pair of Ladies' Stockings—Cotton	3 00

	Second best	2 00
940	Best pair of Men's Socks—Wool	2 00
	Second best	1 00
941	Best pair of Men's Socks—Cotton	2 00
	Second best	1 00
942	Best pair of Mittens—Wool	2 00
	Second best	1 00
943	Best pair of Mittens—Silk	2 00
	Second best	1 00
944	Best collection of Knitting—Socks and Stockings	3 00
	Second best	2 00
945	Best Knitted Wool Lace	2 00
	Second best	1 00
946	Best Knitted Cotton Lace	2 00
	Second best	1 00
947	Best Knitted Silk Lace	2 00
	Second best	1 00
948	Best collection of Fancy Knitting, embracing Laces, Fancy Mittens, etc	3 00
	Second best	2 00
949	Best sample Plain Sewing, embracing different Stitches, Tucking, Hemming, Felling, Gathering and Seaming	4 00
	Second best	2 00
950	Best made Night Dress	2 00
	Second best	1 00
951	Best made Chemise	2 00
	Second best	1 00
952	Best specimen of Darning and Repairing	2 00
	Second best	1 00
953	Best Kitchen Apron	2 00
	Second best	1 00

Lot 113—Quilts and Patchwork.

954	Best Silk Quilt—Patchwork	$4 00
	Second best	2 00
955	Best Silk Quilt—Embroidered	4 00
	Second best	2 00
956	Best Japanese or Crazy Silk Quilt.	4 00
	Second best	2 00
957	Best Silk Crib Quilt	3 00
	Second best	2 00
958	Best Cotton Crib Quilt	2 00
	Second best	1 00
959	Best Cotton Patchwork Quilt	4 00
	Second best	2 00
960	Best Worsted Patchwork Quilt	4 00
	Second best	2 00
961	Best Quilt made by lady over 60 years old	4 00
	Second best	2 00
962	Best knitted Cotton Spread	4 00
	Second best	2 00
963	Best Log Cabin Quilt	3 00
	Second best	2 00
964	Best White Quilt	4 00
	Second best	2 00
965	Best Crochet Spread	4 00
	Second best	2 00
966	Best Silk Comforter	3 00
	Second best	2 00
967	Best Worsted Comforter	3 00
	Second best	2 00
968	Best Specimen Quilting	2 00
	Second best	1 00
969	Best Japanese or Patchwork Sofa Pillow	2 00
	Second best	1 00
970	Best Japanese or Patchwork Table Cover	2 00
	Second best	1 00
971	Best Japanese or Patchwork Chair Stripe	2 00
	Second best	1 00

Lot 114—Ornamental Needle-Work.

972	Best specimen Braiding	$3 00
	Second best	2 00
973	Best Braided Pillow Case or Sham	3 00
	Second best	2 00
974	Best Hemstitching	3 00
	Second best	2 00
975	Best Silk Embroidery	3 00
	Second best	2 00
976	Best Worsted Embroidery	3 00
	Second best	2 00
977	Best Cotton Embroidery	3 00
	Second best	2 00
978	Best Linen Embroidery	3 00
	Second best	2 00
979	Best Ribbon Embroidery	2 00
	Second best	1 00
980	Best Gold Embroidery	3 00
	Second best	2 00
981	Best Embroidered Handkerchief.	3 00
	Second best	2 00
982	Best Embroidered Fire Screen	3 00
	Second best	2 00
983	Best Embroidered Infant's Shawl	3 00
	Second best	2 00
984	Best Kensington Embroidery, silk	4 00
	Second best	2 00
985	Best Kensington Embroidery, silk	4 00
	Second best	2 00
986	Best Arrasene Embroidery, silk.	4 00
	Second best	2 00
987	Best Arrasene Embroidery, worsted	4 00
	Second best	2 00
988	Best Chair Cover, back and seat	8 00
	Second best	4 00
989	Best Cover for Ottoman or Footrest	5 00
	Second best	3 00
990	Best Sofa Pillow, silk	5 00
	Second best	3 00
991	Best Sofa Pillow, worsted	3 00
	Second best	2 00
992	Best Carriage Afghan	8 00
	Second best	4 00
993	Best Infant Afghan	4 00
	Second best	2 00
994	Best Infant Robe	4 00
	Second best	2 00
995	Best Infant Skirt, embroidered	3 00
	Second best	2 00
996	Best Toilet Set, embroidered	5 00
	Second best	3 00
997	Best Set Toilet Mats, on canvass.	3 00
	Second best	2 00
998	Best Toilet Cushion, embroidered	3 00
	Second best	2 00
999	Best Embroidered Pillow Case or Sham	4 00
	Second best	2 00
1000	Best Worsted Tapestry Work	5 00
	Second best	3 00
1001	Best Japanese Tidy	3 00
	Second best	2 00
1002	Best Embroidered Silk Tidy	3 00
	Second best	2 00
1003	Best Worsted Tapestry Picture.	6 00
	Second best	3 00
1004	Best Silk Tapestry Picture	6 00
	Second best	3 00
1005	Best Chenille Embroidery	5 00
	Second best	3 00
1006	Best Lambrequin for Window	3 00
	Second best	2 00
1007	Best Lambrequin for Mantel	3 00
	Second best	2 00

1008	Best Lambrequin for Bracket	3 00
	Second best	2 00
1009	Best Embroidered Piano Cover	4 00
	Second best	2 00
1010	Best Embroidered Table Cover	4 00
	Second best	2 00
1011	Best Table Scarf	3 00
	Second best	2 00
1012	Best Lap Robe	3 00
	Second best	2 00
1013	Best specimen Darned Net	3 00
	Second best	2 00
1014	Best Etching in Silk	3 00
	Second best	2 00
1015	Best Etching in Cotton	3 00
	Second best	2 00
1016	Best Plush Embroidery	5 00
	Second best	3 00
1017	Best and largest display of Embroidery, including above	15 00
	Second best	10 00

Lot 115—Fancy Work.

1018	Best specimen Honiton Lace	$3 00
	Second best	2 00
1019	Best Specimen Applique Lace	3 00
	Second best	2 00
1020	Best specimen Point Lace	3 00
	Second best	2 00
1021	Best specimen Guipure Lace	3 00
	Second best	2 00
1022	Best Lamp Mat	2 00
	Second best	1 00
1023	Best Darning Bag	2 00
	Second best	1 00
1024	Best Slipper Case	3 00
	Second best	2 00
1025	Best Card Receiver	2 00
	Second best	1 00
1026	Best Needle Case	2 00
	Second best	1 00
1027	Best Comb Case	2 00
	Second best	1 00
1028	Best Tidy in Wool	3 00
	Second best	2 00
1029	Best Tidy in Cotton	3 00
	Second best	2 00
1030	Best Fancy Tidy, any material	3 00
	Second best	2 00
1031	Best Crochet Work in Worsted	3 00
	Second best	2 00
1032	Best Crochet Work in Cotton	3 00
	Second best	2 00
1033	Best Sample Netting	2 00
	Second best	1 00
1034	Best Toilet Cushion	2 00
	Second best	1 00
1035	Best Work Basket	2 00
	Second best	1 00
1036	Best Infant Basket	2 00
	Second best	1 00
1037	Best Scrap Basket	2 00
	Second best	1 00
1038	Best Wash-stand Set	3 00
	Second best	2 00
1039	Handsomest Whisk-broom Holder	2 00
	Second best	1 00

Lot 116—Display of Ladies' Work.

After premiums are awarded in other lots, exhibitors will be allowed to assist in placing their articles in proper position, where they will be acted upon by a committee who have not served in the other lots in this class.

1040 The largest display of Fancy Needle and Ornamental work (excepting Quilts) by one person.

First premium	$40 00
Second premium	30 00
Third premium	20 00
Fourth premium	15 00
Fifth premium	10 00

NOTE: Space will be assigned to Sewing Machine Companies, or their agents, for the exhibition of their work. No premiums awarded.

CLASS L—Education and Science.

ALLAN C. RUSH, SUPERINTENDENT.

Illinois Public School Exhibit.

GENERAL DIRECTIONS.

1. All work must be written with pen and ink (except that pencil work will be taken from graded schools, first and second years, and in drawing) upon legal cap or paper 9 by 11 inches. A margin of 1¼ inches must be left for binding and a margin of ¼ of an inch on the right, and the exercise should be written within the marginal lines. The papers should be written on one side only.

Papers entered for each premium, except sweepstakes premiums, must be securely bound by themselves with a cover, upon which shall be stated the lot and the number of the premium for which they are entered. If they are also entered for sweepstakes premiums, put on the cover "Entered for Sweepstakes." Put also on the cover the number of the dis-

trict, or name of the school, the township and county from which the papers come, and the name and postoffice address of the teacher.

A copy of the questions answered, and text translated, must be bound with each set of papers.

Each set of papers entered for one premium must be the work of three different pupils, from the same school, in each branch.

Except as otherwise directed below, each paper must contain the answers to ten questions.

2. Each pupil should write at the beginning of his papers his name, age, postoffice, the date of preparing the paper and the name of his teacher.

3. It is expected that the preparation of the above papers will be conducted in the same manner as a written examination—the pupils to have no previous knowledge of the questions given and to receive no assistance during the writing; and that all papers entered for one premium will be prepared at the same time, except that more time may be taken for the drawing and penmanship papers entered for the Sweepstakes for all schools.

4. All books and papers touching upon the subjects in examination must be removed from the pupils; dictionaries must not be consulted. All communication between pupils must be forbidden and prevented during an examination. All erasures should be made by drawing the pen across the words or lines to be erased. No changes of any kind should be made in the manuscripts of the pupils as they are left at the close of the examination.

5. All work in Mathematics must be given in full, as simple answers will not be considered.

6. All papers for this exhibition from country schools may be sent as soon as prepared, and no later than July 1st, to John P. Yoder, Bushnell, Ill.; from graded schools to Miss Sarah P. White. Springfield, Ill., not later than June 20th; and all work from high schools must be sent to Silas Y. Gillan, Danville, Ill., not later than June 20th, and they will see that they are properly entered at the Fair.

7. For further information address the Secretary of the State Board of Agriculture.

Schools in all portions of the State are earnestly solicited to send in specimens of work done by their pupils during the year.

8. All work designed for exhibition at the State Fair should be sent as noted above.

9. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way.

Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care and deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates

Lot 117 (A)—Graded School Exhibit.

1041	Best First year work	Dip. and	$5 00
	Second best		3 00
1042	Best Second year work	Dip. and	5 00
	Second best		3 00
1043	Best Third year work	Dip. and	5 00
	Second best		3 00
1044	Best Fourth year work	Dip. and	5 00
	Second best		3 00
1045	Best Fifth year work	Dip. and	5 00
	Second best		3 00
1046	Best Sixth year work	Dip. and	5 00
	Second best		3 00
1047	Best Seventh year work	Dip. and	5 00
	Second best		3 00
1048	Best Eighth year work	Dip. and	5 00
	Second best		3 00

Sweepstakes.

1049	Best exhibit by one system of graded schools, 1st grade to 8th, inclusive	Dip. and	$10 00
	Second best		5 00
	Third best		3 00
1050	Best set of three papers, one page each of writing, from as many pupils of the same system of graded schools	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1051	Best set of five pencil drawings from as many pupils of one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1052	Best set of five crayon drawings from as many pupils of one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00

1053	Best five maps from five pupils of one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1054	Best work in book-keeping from three pupils in one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1055	To the Superintendent of Schools of the town or city making the best exhibit of work entered for premiums 1041 to 1049 in Lot A		Diploma

Lot 118 (B)—Country School Exhibit.

1056	Best Spelling, older pupils	Dip. and	$5 00
	Second best		3 00
1057	Best Spelling, younger pupils	Dip. and	5 00
	Second best		3 00
1058	Best Business Forms, older pupils	Dip. and	5 00
	Second best		3 00
1059	Best Letters, younger pupils	Dip. and	5 00
	Second best		3 00
1060	Best Arithmetic, older pupils	Dip. and	5 00
	Second best		3 00
1061	Best Arithmetic, younger pupils	Dip. and	5 00
	Second best		3 00
1062	Best Common Things, older pupils	Dip. and	5 00
	Second best		3 00
1063	Best Common Things, younger pupils	Dip. and	5 00
	Second best		3 00
1064	Best Geography and History, older pupils	Dip. and	5 00
	Second best		3 00
1065	Best Geography, younger pupils	Dip. and	5 00
	Second best		3 00
1066	Best Language, older pupils	Dip. and	5 00
	Second best		3 00
1067	Best Language, younger pupils	Dip. and	5 00
	Second best		3 00
1068	Best Botany	Dip. and	5 00
	Second best		3 00
1069	Best Physiology	Dip. and	5 00
	Second best		3 00
1070	Best Natural Philosophy	Dip. and	5 00
	Second best		3 00
1071	Best Zoölogy	Dip. and	5 00
	Second best		3 00

Sweepstakes.

1072	Best exhibit by one country school of all the work for which premiums, 1056 to 1067 inclusive, are offered under Lot 118 (B)	Dip. and	$10 00
	Second best		5 00
	Third best		3 00
1073	Best set of three papers, one page each of Writing, from as many pupils of one country school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1074	Best set of five Pencil Drawings, from as many pupils of one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1075	Best set of five Crayon Drawing from as many pupils of one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1076	Best five Maps, from five pupils of one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1077	Best work in Book-keeping, from three pupils of one school	Dip. and	10 00
	Second best		5 00
	Third best		3 00
1078	To the County Superintendent of Schools of the county making the best exhibit of work entered for premiums 1056 to 1067, and premiums 1072 and 1073		Diploma

Lot 119 (C)—High School Exhibit.

LANGUAGES.

Latin.

1079 First Premium—To the school presenting the best three papers in Latin,

from pupils who have pursued the study not more than one school year, the work to consist of the translation of two fables, with appropriate questions on Orthography, Etymology, and Syntax.....Dip. and $5 00
Second premium..... 3 00

1080 To the school presenting the best three papers in Latin, the work to consist of the translation of about two manuscript pages, from the first book of Cæsar's Commentaries, with appropriate questions in Etymology and Syntax.....Dip. and $5 00
Second premium..... 3 00

Greek.

1081 To the school presenting the best three papers in Greek, the work to consist principally of questions in Etymology and Syntax, with translation of ten simple sentences, Greek into English. The work to be from first year pupils in Greek.....Dip. and $5 00
Second premium..... 3 00

German.

1082 To the school presenting the best three papers in German, the work to consist of translation from Schiller's "Wilhelm Tell," with grammatical questions, and translation from English to German, of at least one-half manuscript page.....Dip. and $5 00
Second premium..... 3 00

MATHEMATICS.

1083 Elementary Algebra, including work through Quadratics,—best three papers.....Dip. and $5 00
Second premium..... 3 00
1084 Plane Geometry, best three papers.....Dip. and $5 00
Second premium..... 3 00

SCIENCES.

1085 Physiology, best three papers.....Dip. and $5 00
Second premium..... 3 00
1086 Astronomy, best three papers.....Dip. and $5 00
Second premium..... 3 00
1087 Natural Philosophy, best three papers.....Dip. and $5 00
Second premium..... 3 00
1088 Best three papers in English Literature, accompanied by three essays germane to the study, and which shall have been written while the class was pursuing the subject.....Dip. and $5 00
Second premium..... 3 00

ESSAYS.

1089 For the best three essays on miscellaneous subjects, said essays to have been prepared by the pupils of the school in connection with the regular work of the school.....Dip. and $5 00
Second premium..... 3 00

CIVIL GOVERNMENT.

1090 For the best three papers on Civil Government.....Dip. and $5 00
Second premium..... 3 00

BOOK-KEEPING.

1091 For best three papers on Book-keeping.....Dip. and $5 00
Second premium..... 3 00

SWEEPSTAKES.

1092 To the high school whose papers in at least six of the foregoing subjects, *said subjects to be designated when the papers are sent*, shall receive the highest general average mark.....Dip. and $10 00
Second premium..... 5 00
1093 To the high school, whose papers presented in ten of the above named studies, receive the highest average mark.....Dip. and $10 00
1094 Best set of five Pencil Drawings from as many pupils of one school.....Dip. and $10 00

	Second best	5 00
	Third best	3 00
1095	Best set of five Crayon Drawings from as many pupils of one school	Dip. and $10 00
	Second best	5 00
	Third best	3 00
1096	Best five maps from as many pupils of one school	Dip. and $10 00
	Second best	5 00
	Third best	3 00

Lot 120—Commercial Penmanship.

No exhibit will be awarded in this lot, but every facility will be afforded for exhibition.

1097 Exhibit Business Penmanship from a Commercial College.
1098 Exhibit Ornamental Penmanship from a Commercial College.
1099 Pen Drawing.
1100 Pen Lettering.
1101 Course in General Book-keeping.
1102 Course in Farm Book-keeping.

Natural History, Etc.

ALLAN C. RUSH, Superintendent.

Lot 121—Taxidermy, Mineralogy and Conchology.

1103	Best collection of Minerals and Fossils	$50 00
	Second best	20 00
1104	Best collection Illinois Birds and Mammals of not less than 50 species, to be shown by the taxidermist	40 00
	Second best	20 00
1105	Best collection illustrating the Conchology of Illinois, not less than 100 species	20 00
	Second best	10 00
1106	Best display of Mound Relics	50 00
	Second best	20 00

Lot 122—Entomology, Etc.

1107	Best collection of Insects	$30 00
	Second best	15 00
1108	Best collection of the Woods of Illinois, not less than 75 varieties	20 00
	Second best	10 00
1109	Best collection representing the Botany of Illinois	20 00
	Second best	10 00

Lot 123—Musical Instruments.

1110 Violin.
1111 Brass and Tenor Drum.
1112 Pipe Organ.
1113 Reed Organ.
1114 Grand or Semi-Grand Pianoforte.
1115 Violoncello.
1116 Flute.
1117 Clarionet and Guitar.
1118 Boudoir Piano.
1119 Square Piano.
1120 Brass Band Instruments.
1121 Cornet.

Lot 124—Printing, Engraving, Etc.

1122	Best specimen Lithography	S. M.
1123	Best Engraving, Copper-plate	S. M.
1124	Best Engraving, Wood Cut	S. M.
1125	Best Wood Carving	$10 00
	Second best	5 00
1126	Best sample White Wax-work	2 00
	Second best	1 00
1127	Best sample Colored Wax-work	2 00
	Second best	1 00

1128 Best sample Work in Hair..... 2 00
Second best..... 1 00
1129 Best imitation of Fruit 2 00
Second best 1 00
1130 Best Agricultural Wreath..... 2 00
Second best 1 00
1131 Best Shell Work..... 2 00
Second best 1 00
1132 Best sample of Ornamental Work, with Indelible Ornamenting Fluid 2 00
Second best 1 00

Lot 125—Architectural and Mechanical Drawings.

1133 Best drawing, plan and specifications for Rural Residence, cost not to exceed one thousand dollars $15 00
Second best 10 00
1134 Best drawing, plan and specifications for Rural Residence, cost not to exceed twenty-five hundred dollars.....Dip. and 15 00
Second best 10 00
1135 Best drawing, plan and specification for Farm Barn, cost not to exceed five hundred dollars .....Dip. and 5 00
Second best 3 00
1136 Best drawing, plan and specification for Farm Barn, cost not to exceed one thousand dollars .....Dip. and 10 00
Second best..... 5 00
1137 Best drawing, plan and specification for Farm Barn, cost not to exceed twenty-five hundred dollars.....Dip. and 15 00
Second best 10 00
1138 Best drawing, plan and specification for Farm House and Outbuildings, to include dwelling-house, dairy-house, poultry-house, and hog-house, the economy and construction and grouping, with special reference to convenience, to be considered.....Dip. and 20 00
Second best 10 00
1139 Best drawing, plan and specification for District School-house, having reference to heating and ventilation.....Diploma
1140 Best collection of architectural and mechanical drawings.....Dip. and 20 00

CLASS M—Agricultural Implements.

B. PULLEN, Superintendent.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned.

2. Space will be assigned by the Superintendent prior to September 12, giving ample time to place machinery in position.

3. No premium will be awarded in this class, but every facility afforded for exhibition.

4. Exhibitors will be expected to furnish their own steam-power, fuel and water.

5. Articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A.M., Tuesday, September 15, 1885.

6. Entries close Saturday, September 12, 1885, at 6 o'clock P. M.

7. No article can be removed until the close of the Fair, except upon the written permission of the President.

8. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad The charges for transfer to and from the Fair Grounds will be $2.00 per car each way. Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks, or medium size crates not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 126—Engines, Pumps, Etc.

1141 Portable Farm Engine.
1142 Traction Steam Engine.
1143 Steam Boiler and Safety Guage.
1144 Garden Engine.
1145 Steaming Apparatus for cooking food for stock.
1146 Evaporator and Apparatus for making syrup and sugar.
1147 Horse Power for general farm purposes.
1148 Hay and Stock Scales.
1149 Pump for Well.
1150 Pump for Cistern.
1151 Water Elevator other than pump.
1152 Iron Fence and Gate.
1153 Gate for farm use.
1154 Portable Fence.

Lot 127—Mills, Machines, Etc.

1155 Cotton Gin.
1156 Cotton Gin and Condenser.
1157 Power Loom.
1158 Flour Bolt.
1159 Flour Packer.
1160 Mortising Machine.
1161 Tenoning Machine.
1162 Sash Machine.
1163 Spoke Dressing Machine.
1164 Wood Sawing Machine.
1165 Planing Machine.
1166 Lathe Machine.
1167 Shingle Machine.
1168 Stave Machine.
1169 Cordage Machine.
1170 Cider Mill and Press.
1171 Corn and Cob Mill.
1172 Hominy and Pearling Mill.
1173 Machine for making Brick.
1174 Machine for making Drain Tile.
1175 Machine for opening ditch for Drain Tile.
1176 Machine for laying Drain Tile.
1177 Ditching Machine.
1178 Road Making Machine.
1179 Portable Grist Mill for farm use.
1180 Portable Mill for Shelling and Grinding Corn.
1181 Mill for Crushing Sugar Cane.
1182 Portable Saw Mill and Engine for Lumber.
1183 Well Boring Machine.
1184 Display of Flower Pots.
1185 Assorted Drain Tile (100)

Lot 128—Vehicles.

1186 Display of two-seated Carriages.
1187 Display of Buggies.
1188 Two-horse Carriages.
1189 Top Buggy.
1190 Open Buggy.
1191 Sulky.
1192 Skeleton Wagon.
1193 Barouche.
1194 Two-horse Wagon.
1195 Spring Wagon.
1196 One-horse Cart.
1197 Ox Cart.
1198 Wheel-barrow.

Lot 129—Grain Harvesters, Etc.

1199 Reaper.
1200 Dropper.
1201 Self-rake Reaper.
1202 Combined Reaper and Mower.
1203 Harvester and Binder.
1204 Grain Binder (wire).
1205 Grain Binder (twine).
1206 Grain Header.
1207 Thresher.
1308 Separator.
1209 Grain Register.
1210 Grain Drill.
1211 Fanning Mill.
1212 Model for Ventilating Grain Bin.

Lot 130—Haying Machinery, Etc.

1213 Mower.
1214 Hay Tedder.
1215 Horse Hay Rake.
1216 Hay Loader.
1217 Hay Gatherer.
1218 Hay Ricker.
1219 Horse Hay Fork.
1220 Horse Hay Derrick for Stacking.
1221 Hay Elevator and Carrier for moving hay in barn.
1222 Portable Hay Press.
1223 Stationary Hay Press.
1224 Feed Cutter.
1225 Hay and Straw Cutter.
1226 Clover Huller and Thresher.
1227 Seed Sower.
1228 Broadcast Seed Sower.
1229 Mower Knife Grinder.

Lot 131—Planters, Plows, Etc.

1230 Corn Planter.
1231 Corn Drill.
1232 Check Rower.
1233 Cultivator.
1234 Riding Cultivator.
1235 Corn-stalk Cutter.
1236 Hand Corn Sheller.
1237 Power Corn Sheller.
1238 Corn Harvester.
1239 Walking Plow.
1240 Sulky Plow.
1241 Gang Plow.
1242 Pulverizer.
1243 Harrow.
1244 Roller.
1245 Potato Planter.
1246 Potato Digger.
1247 Root and Vegetable Cutter.
1248 Cotton Seed Planter.
1249 Wind Mill.
1250 Capstan.
1251 Road Scraper.
1252 Hedge Trimmer.

CLASS N—Dairy.

E. E. CHESTER, SUPERINTENDENT.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned.

2. No premiums except as noted will be awarded in this class, but every facility will be afforded for exhibition.

3. Articles entered for exhibition shall be in place in the several departments not later than 9 A. M., Tuesday, September 15, 1885.

4. Entries close Saturday, September 12, 1885, at 6 o'clock P. M.

5. Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way.

Brink's Chicago City Express Company, 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care, and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

Lot 132—Butter and Cheese.

1253 Best Butter, not less than 10 pounds, made at any time....$10 00
Second best..... 5 00
1254 Best Butter, not less than 10 pounds, made in May or June..... 10 00
Second best..... 5 00
1255 Best Butter, not less than 10 pounds, made on or after August 20, 1885..... 10 00
Second best..... 5 00
1256 Best and largest display of Butter, made at any time, by one manufacturer, samples distinct from foregoing..... 15 00
1257 Best box Cheese, made at any time..... 10 00
Second best..... 5 00
1258 Best box Cheese, made in May or June..... 10 00
Second best..... 5 00
1259 Best box Cheese, made after July 15, 1885..... 10 00
Second best..... 5 00
1260 Best and largest display of Cheese, by one manufacturer, samples distinct from foregoing..... 15 00

Dairy Implements.

Lot 133—Butter-making Utensils.

1261 Revolving churns.
1262 Churns with dashers.
1263 Factory churns.
1264 Power butter-workers.
1265 Farm dairy butter-workers.
1266 Butter tray and board.
1267 Butter ladles.
1268 Butter moulds.
1269 Butter stamps.
1270 Butter printer.
1271 Display of implements for butter making.

Lot 134—Cheese-making Utensils.

1272 Cheese press.
1273 Cheese vat.
1274 Curd mill.
1275 Currying can.
1276 Set of scales.
1277 Milk pail.
1278 Machine for making cheese boxes.
1279 Tin or metal cans for dairy use.
1280 Display of implements for cheese making.

Lot 135—Cream-Raising Utensils.

1281 Cans for gathered cream.
1282 Carrying can for cream.
1283 Cans or creamers.
1284 Cream extracters.

Lot 136—Machinery for Dairy Use.

1285 Engines.
1286 Boilers.
1287 Horse-powers.
1288 Dog-powers.
1289 Wagon for carrying milk or cream.
1290 Motor for dairy use.

Lot 137—Butter and Cheese Packages.

1291 Butter firkins.
1292 Butter tubs.
1293 Butter pail
1294 Shipping boxes for print butter.
1295 Cheese boxes.
1296 Fancy packages.
1297 Metal packages.
1298 Shipping cans for print butter.
1299 Refrigerator for storing butter.
1300 Butter color.

PROGRAMME FOR WEEK OF STATE FAIR.

COMMENCING MONDAY, SEPTEMBER 14, 1885.

Members of Awarding Committees (excepting Live Stock) are requested to report for duty to the Superintendents of their respective departments, at 9 o'clock A.M. Tuesday, September 15, 1885.

Live Stock committeemen will report for duty the day they are to serve, as indicated in the following programme.

A section of the amphitheatre has been assigned for the use of members of the Awarding Committees, when not on duty.

GRAND CAVALCADE.

Premium animals and other live stock, portable engines and machinery, will be exhibited in front of the amphitheatre, at 1:30 o'clock P. M., each day during the Fair week, under the supervision of the Marshal of the Ring, assisted by the several Superintendents of Departments, who will have charge of their respective sections of the procession.

Monday—First Day.

Arrangement of stock and articles for exhibition on the Fair Grounds and in the Exhibition Halls.

Tuesday—Second Day—9 o'clock A.M.

CLASS A—CATTLE.

	Page
Lot 7—Devon	11
Lot 10—Polled Angus	12
Lot 13—Holstein or Friesian	12
Lot 19—Ayrshires	13

CLASS B—HORSES.

Lot 29—Boys' Equestrianism	15
Lot 30—Saddle Ponies	15
Lot 33—Norman, Percheron	16
Lot 39—Grade Draft	17
Lot 41—Horses for All Work	18
Lot 43—Jacks, Jennets and Mules	18

SPEED—2 o'clock P.M.

Lot 32—Illinois Association Trotting Horse Breeders—Stallion making season in Illinois.	16
Lot 32—Illinois Association Trotting Horse Breeders—Foals 1882 and under	16

Wednesday—Third Day—9 o'clock A.M.

CLASS A—CATTLE.

	Page
Lot 1—Short-Horn	11
Lot 4—Hereford	11
Lot 8—Devon Herds	11
Lot 11—Polled Angus Herds	12
Lot 14—Holstein or Friesian Herds	12
Lot 16—Jersey	12
Lot 20—Ayrshire Herds	13

CLASS B—HORSES.

Lot 22—Thoroughbreds 14
Lot 26—Saddle Stallions and Mares 15
Lot 27—Carriage Horses 15
Lot 35—Clydesdales 17
Lot 37—English Shire 17
Lot 44—Jacks, Jennets and Mules 18

SPEED—2 o'clock P. M.

Lot 32—Illinois Association Trotting Horse Breeders—Foals 1884 and under 16
Lot 32—Illinois Association Trotting Horse Breeders—Foals 1883 and under 16
Lot 32—Illinois Association Trotting Horse Breeders—Foals 1881 and under 16

Thursday—Fourth Day—9 O'Clock A. M.

CLASS A—CATTLE.

Lot 2—Short-Horn—Herds 11
Lot 5—Hereford—Herds 11
Lot 17—Jersey—Herds 12

CLASS B—HORSES.

Lot 24—Roadsters 14
Lot 28—Gentlemen's Driving 15
Lot 34—Norman, Percheron 17
Lot 40—Grade Draft 18
Lot 42—Horses for all work—Sweepstakes 18

SPEED—2 O'CLOCK P. M.

Lot 31—Trotting Race—For three-year-olds 15
Lot 31—Trotting Race—For five-year-olds 15

Friday—Fifth Day—9 O'Clock A. M.

CLASS A—CATTLE.

Lot 3—Short-Horns—Sweepstakes 11
Lot 6—Hereford—Sweepstakes 11
Lot 9—Devon—Sweepstakes 11
Lot 12—Polled Angus—Sweepstakes 12
Lot 15—Holstein or Friesian—Sweepstakes 12
Lot 18—Jersey—Sweepstakes 12
Lot 21—Ayrshire—Sweepstakes 13

CLASS B—HORSES.

Lot 23—Thoroughbred—Sweepstakes 14
Lot 25—Roadster—Sweepstakes 14
Lot 26—Saddle—Sweepstakes 15
Lot 36—Clydesdale 17
Lot 38—English Shire—Sweepstakes 17

SPEED—2 O'CLOCK P. M.

Lot 32—"The Chicago Horseman" Stakes—Foals 1882 and under 16
Lot 31—Trotting Race—Gentlemen's Road Horses (open for all) 15

Saturday—Sixth Day—2 O'Clock P. M.

Lot 31—Trotting Race—For four-year-olds 15
Lot 31—Trotting Race—Free for all Stallions 15
Lot 31—Trotting Race—Gentlemen's Double Team (open for all) 15

EIGHTH ANNUAL

AMERICAN FAT STOCK AND DAIRY SHOW.

The Exhibition will be open to the public on Tuesday, November 10, at 9 o'clock A. M., and will continue, day and evening, until the following Thursday, November 19, at 10 P. M.

GENERAL RULES AND REGULATIONS

FOR THE AMERICAN FAT STOCK AND DAIRY SHOW OF 1885.

The exhibition of Horses and the admission of Live Stock for exhibition only or for sale, will be, if at all, only to the extent of the space at the disposition of the Committee of Arrangements, without limiting or incommoding the exhibition of Fat Stock competing for prizes, and no engagement of space for such non-competing animals, can be assured before November 1, 1885, after the close of the entries of competing animals.

The Exposition Building will be open for the reception of Stock on Monday, November 9, and until Tuesday night, November 10, 1885.

ENTRIES.

1. Must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

2. In all thoroughbred classes, authentic pedigrees must be furnished. Statements showing date of birth, the proportion of improved blood so far as known in each animal exhibited, in lots for grades or crosses, must be furnished at time of entry.

3. The following fees will be charged, and must accompany applications for entries: For each horse, steer, cow, or heifer, $2; for each sheep or hog, $1.

4. Each exhibitor must purchase an *Exhibitor's Ticket* ($1.50) when applying for entries (a firm being regarded as one exhibitor). Only one member of the firm will be admitted to the Building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitor's tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

5. Every animal must be entered for competition in the name of the owner. Only animals awarded first prizes in breed rings are eligible to compete in the sweepstakes rings, and only animals awarded sweepstakes prizes or animals not elsewhere shown are eligible to compete for the Grand Sweepstakes prizes.

6. A card will be furnished the exhibitor, at the time of making entry, specifying the Class, the number of the Lot, and the number of the entry, which card must remain attached to the animal during the exhibition, except in Classes C and D, where the cards must be attached to the pen.

7. Diligence will be used by the officers of the Board to prevent injury to or loss of property, but they will not be responsible for any damage or loss or injury to person that may occur.

8. In no case shall the gain per day be computed or reported, unless the exact age of the animal shall be verified by the affidavit of the owner or of some creditable party. All statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavit.

9. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges for each class, two of whom, if agreed, shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

10. Committeemen, before entering upon their duties, shall pass a satisfactory examination before the Board as to their qualifications. If, after such examination, the Superintendent become satisfied of the incompetency of any committeeman, he shall, without delay, report the fact to the President, who shall convene the committee of arrangements for such action as may be necessary.

11. The judges are instructed to award premiums to such animals as present the greatest weight in the smallest superficies—taking into consideration age, the quality of flesh and its distribution in the most valuable portions of the carcass.

12. Awarding committees are instructed that if they have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.

13. Each award and notice of protest, (if any is made) must be written in a plain, careful manner by the Superintendent, on blank page opposite the entry.

14. The entry books must be returned by the Superintendent of each Department to the Secretary as soon as the awards in each are completed.

15. Great care must be exercised to preserve the Awarding Committees' books and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on authority of these entries *only*.

16. Superintendents will be particular to observe the following.
Blue Ribbons are designed for first premiums.
Red Ribbons for second premiums.
White Ribbons for third premiums.

17. Decisions of Awarding Committees shall be final and no appeal will be considered, except in case of protest.

18. Objections to a person serving as a member of an Awarding Committee must be submitted to the Superintendent in writing prior to making any award, giving good and sufficient reasons therefor. Superintendents receiving such objections, if deeming them worthy of consideration, shall report the same to the President who, with the Superintendent, shall constitute a committee to fill the vacancy.

19. Any exhibitor attempting to interfere with judges during their adjudications, will be promptly excluded from competition.

CONTRACTS FOR LABOR AND MATERIALS.

1. All contracts for labor and material required for the Fat Stock Show, not made by purchasing agent, shall be made in duplicate by the member or committee authorized to make the expenditure, the original copy to be given to the party contracted with and the duplicate to be filed with the Auditing Committee without delay.

COLLECTION OF FUNDS.

1. Officers and members of the Board receiving moneys of the Board must promptly pay the same over to the Treasurer, taking his itemized receipt in duplicate therefor. The party collecting and transferring the funds must forward the duplicate receipt of the Treasurer to the Secretary, who will credit the several accounts with the amounts named.

AUDITING COMMITTEE.

1. All vouchers for expenses incurred in connection with the Fat Stock Show must be approved by a majority of the Auditing Committee and then entered in a book kept for that purpose by the Secretary, who will issue an order on the Treasurer for the same in favor of the party furnishing the service or material. Said vouchers must be made in detail and

certified by the member or committee on whose order the service or material was furnished. All bills must be presented to the Auditing Committee within ten days after the close of the Fat Stock Show.

2. *All bills against the State Board of Agriculture must be made in detail;* and all bills contracted during the show, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee before they can be paid by the Treasurer. It shall be the duty of the Auditing Committee to examine into the correctness of all bills presented for payment and the committee shall have full power of investigation and approval as to the quantity, quality and cost of all articles purchased.

SUPERINTENDENTS.

1. The General Superintendent will have charge of the Building and Police and fire extinguishing appliances. He will have an efficient Police force on duty day and night, and will assign such number of policemen to the Superintendents of Departments as they may require.

2. Superintendent of Permits and Privileges will sell privileges for dining halls, stands, etc.

3. Superintendent of Gates and Tickets will have charge of the tickets, gates and ticket-takers.

SUPERINTENDENT OF STALLS AND FORAGE.

1. The Superintendent of Stalls and Forage will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before 8 o'clock A.M., and again between the hours of 5 and 7 P.M., and that the aisles are kept clean during the hours of exhibition.

ADMISSION FEES.

1. Exhibitor's tickets, good during the show, $1.50. Tickets admitting one person once, 25 cents. Tickets admitting children under 12 years of age, 15 cents.

SUPERINTENDENT PURCHASING DEPARTMENT.

1. Will make, on the requisition of Superintendents, any necessary purchases of material (except forage) in connection with the Fat Stock Show.

THE PRESS.

The Press Committee will provide editors and reporters with the necessary permits to the Building, and will assist them, so far as practicable, to such information regarding the Show as may be of interest to the public.

ANIMALS.

1. No animal can be removed until the close of the Exhibition, except for adequate cause, and then only on the written order of the President.

2. Stock must be in the stalls or pens in the Exposition Building, Chicago, as above required, in order that they may be weighed, numbered, and catalogued, previous to the opening of the Show.

3. Cattle must be well halter-broken; and vicious animals will not be admitted to the Building.

4. The animals to be slaughtered will be placed in charge of the Superintendents of the departments in which they are entered, Monday morning of the Show, in order that they may receive the same feed and care until the day of slaughter.

5. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

6. The Superintendent may exclude stock from competition, should there be any unnecessary delay on the part of exhibitors in bringing animals into the Show Ring.

7. The animals for slaughter will be killed, dressed and weighed under direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor and subject to owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds to be paid to the respective owners.

8. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.

9. Animals entered for competition in Class A—Cattle—will be examined as to age by a committee consiting of an experienced and practical Veterinary Surgeon and two practical and experienced feeders.

10. Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Fat Stock Show of 1885 will be excluded from the Exposition Building.

AWARDING COMMITTEES.

1. Each Awarding Committee will consist of three persons.

2. Awarding Committees will commence examinations on Wednesday, November 11, at 9 o'clock A. M., and continue until awards are completed.

3. No person shall act as judge in any lot in which he may be interested as an exhibitor, the agent or employe of an exhibitor, or otherwise.

4. No animal deemed unworthy shall be awarded a premium; but no premium shall be witheld merely because there is no competition. In case of no competition, the awarding committee may award any grade of premium, according to the merit of the animal or article.

5. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination of the animal or article protested, and a written statement setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the notice is given. Provided, that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee.

6. In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In cases of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement tagether with all obtainable evidence, shall be presented on the final consideration of the question at issue. In addition to the right of protest herein guaranteed to interested parties, the State Board of Agricul- expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

7. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.

8. The judges will report only upon the animals entitled to premiums in the regular list, and authorized special or individual prizes, which, in all cases, must be duplicates of regular premiums as to the classification.

9. Judges, in making awards, will consider only animals in good condition for slaughter, and awards of premiums, in regular rings shall carry the corresponding special premiums offered thereon.

CLASS A—Cattle.

LA FAYETTE FUNK, Superintendent Beef Breeds.

JOHN P. REYNOLDS, Superintendent Dairy Breeds.

The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Cattle must be in their stalls in the Exposition Building, Chicago, not later than Monday, November 9th, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Stock must be well halter-broken, and vicious animals will not be admitted to the building, or, if admitted, will be removed.

SPECIAL RULES.

1. All animals entered for competition in this class will be examined by a committee appointed by the President, and consisting of one experienced, practicing veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, *prior to the time fixed for the commencement of work by the awarding committee of this class;* and all questions, discrepancies and protests, founded upon or arising out allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the awarding committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3 The fee for each animal will be $2.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete

4 Butchers' stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at the time of entry. Statements showing date of birth, the proportion of improved blood, so far as known, in each animal exhibited in lots for grades or crosses, must be furnished at time of entry. Steers and Spayed Heifers compete together. Barren Cows or Heifers or Free Martins not eligible to competition.

6. Only animals awarded first prizes in Lots 1, 2, 3, 4, 5, 6, 7 and 8 are entitled to compete in the sweepstakes ring, Lot 9, and only animals awarded sweepstakes prizes in Lot 9, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize, Lot 10. Animals awarded sweepstakes prizes in Lot 9, and the Grand Sweepstakes prize in Lot 10, will be slaughtered in competition for the prizes in Lot 12: All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 15, Heaviest Fat Steer, may be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. Cattle shown in Lot 11, Pen of Cattle, to weigh at the Exposition Building as follows: Steers three and under four years, not less than 1,800 pounds each; steers two and under three years, not less than 1,500 pounds each; steers one and under two years, not less than 1,000 pounds each.

9. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

10. Animals originally entered for competition in Lots 12 and 13—Carcasses--will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 10, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

$2.00 and $2.50 Per Day | Stop at the GAULT HOUSE | Corner West Madison and Clinton Sts., Chicago.

Beef Breeds—Cattle.

LA FAYETTE FUNK, SUPERINTENDENT.

Lot 1—Short-Horns.

1 Best Steer or Spayed Cow 3 and under 4 years $30 00
Second best 20 00
Third best 10 00
2 Best Steer or Spayed Heifer 2 and under 3 years 30 00
Second best 20 00
Third best 10 00
3 Best Steer or Spayed Heifer 1 and under 2 years 30 00
Second best 20 00
Third best 10 00
4 Best Steer or Spayed Heifer under 1 year old 30 00
Second best 20 00
Third best 10 00

Lot 2—Herefords.

5 Best Steer or Spayed Cow 3 and under 4 years $30 00
Second best 20 00
Third best 10 00
6 Best Steer or Spayed Heifer 2 and under 3 years 30 00
Second best 20 00
Third best 10 00
7 Best Steer or Spayed Heifer 1 and 2 years 30 00
Second best 20 00
Third best 10 00
8 Best Steer or Spayed Heifer under 1 year old 30 00
Second best 20 00
Third best 10 00

Lot 3—Devons.

9 Best Steer or Spayed Cow 3 and under 4 years ..... $$30 00
Second best 20 00
Third best 10 00
10 Best Steer or Spayed Heifer 2 and under 3 years 30 00
Second best 20 00
Third best 10 00
11 Best Steer or Spayed Heifer 1 and under 2 years 30 00
Second best 20 00
Third best 10 00
12 Best Steer or Spayed Heifer under 1 year old 30 00
Second best 20 00
Third best 10 00

Lot 4—Aberdeen-Angus or Galloways.

13 Best Steer or Spayed Cow 3 and un- 4 years $30 00
Second best 20 00
Third best 10 00
14 Best Steer or Spayed Heifer 2 and under 3 years 30 00
Second best 20 00
Third best 10 00
15 Best Steer or Spayed Heifer 1 and and under 2 years 30 00
Second best 20 00
Third best 10 00
16 Best Steer or Spayed Heifer under 1 year old 30 00
Second best 20 00
Third best 10 00

Lot 5—Holstein or Friesian.

17 Best Steer or Spayed Cow 3 and un- 4 years $30 00
Second best 20 00
Third best 10 00
18 Best Steer or Spayed Heifer 2 and under 3 years 30 00
Second best 20 00
Third best 10 00
19 Best Steer or Spayed Heifer 1 and under 2 years 30 00
Second best 20 00
Third best 10 00
20 Best Steer or Spayed Heifer under 1 year old 30 00
Second best 20 00
Third best 10 00

Lot 6—Grades or Crosses.

21 Best Steer or Spayed Cow 3 and under 4 years $30 00
Second best 20 00
Third best 10 00
22 Best Steer or Spayed Heifer 2 and under 3 years 30 00
Second best 20 00
Third best 10 00
23 Best Steer or Spayed Heifer 1 and under 2 years 30 00
Second best 20 00
Third best 10 00
24 Best Steer or Spayed Heifer under 1 year old 30 00
Second best 20 00
Third best 10 00

Lot 7—Range Cattle.

25 Best Steer or Spayed Cow 3 and under 4 years $30 00
Second best 20 00
Third best 10 00
26 Best Steer or Spayed Heifer 2 and under 3 years 30 00
Second best 20 00
Third best 10 00
27 Best Steer or Spayed Heifer 1 and under 2 years 30 00
Second best 20 00
Third best 10 00
28 Best Steer or Spayed Heifer under 1 year old 30 00
Second best 20 00
Third best 10 00

Lot 8—All Breeds and Grades by Ages.

29 Best Steer or Spayed Cow 3 and under 4 years $50 00
30 Best Steer or Spayed Heifer 2 and under 3 years 50 00
31 Best Steer or Spayed Heifer 1 and under 2 years 50 00

$2.00 and $2.50 Per Day | Stop at the GAULT HOUSE | Corner West Madison and Clinton Sts., Chicago.

32 Best Steer or Spayed Heifer under 1 year old 50 00

Lot 9—Sweepstakes.

33 Best animal shown in Lot 1, Short-Horns $75 00
34 Best animal shown in Lot 2, Herefords 75 00
35 Best animal shown in Lot 3, Devons 75 00
36 Best animal shown in Lot 4, Aberdeen-Angus or Galloways..... 75 00
37 Best animal shown in Lot 5, Holsteins or Friesian..... 75 00
38 Best animal shown in Lot 6, Grades or Crosses 75 00
39 Best animal shown in Lot 7, Range Cattle 75 00

Lot 10 — Grand Sweepstakes.

40 Best Steer, Barren Cow or Spayed Heifer in the Show..... $100 00

Lot 11—Pen of Cattle.

41 Best 5 Steers or Spayed Cows 3 and under 4 years $150 00
Second best 75 00
42 Best 5 Steers or Spayed Heifers 2 and under 3 years..... 150 00
Second best 75 00
43 Best 5 Steers or Spayed Heifers 1 and under 2 years..... 150 00
Second best 75 00
44 Best 5 Steers or Spayed Heifers under 1 year..... 150 00
Second best 75 00

Lot 12—Dressed Carcass.

45 Best Carcass of Steer or Spayed Cow 3 and under 4 years..... $75 00
46 Best Carcass of Steer or Spayed Heifer 2 and under 3 years.... 75 00
47 Best Carcass of Steer or Spayed Heifer 1 and under 2 years.... 75 00

Lot 13—Carcass Prizes.

48 Carcass furnishing the largest per cent. of edible meat..... $75 00
49 Carcass furnishing the largest per cent. of netto gross weight.... 75 00

Lot 14—Dressed Carcass—Sweepstakes.

Only animals awarded first prizes in Lot 12 will be entitled to compete in this lot.

50 Best Carcass of Steer or Spayed Heifer of any age..... ...$100 00

Lot 15—Heaviest Fat Steer.

Open to all ages.

51 First premium..... $75 00
Second premium..... 50 00
Third premium..... 25 00

Lot 16—Gain Per Day.

Steer or Spayed Heifer showing the greatest average gain per day, including weight at birth.

52 Best Steer or Spayed Cow 3 and under 4 years.....$50 00
Second best 25 00
53 Best Steer or Spayed Heifer 2 and under 3 years..... 50 00
Second best 25 00
54 Best Steer or Spayed Heifer 1 and under 2 years 50 00
Second best 25 00
55 Best Steer or Spayed Heifer under 1 year old 50 00
Second best 25 00

Lot 17— Cost of Production.

Entries to be made on prescribed form and verified by affidavit.

56 Best Steer or Spayed Cow 3 and under 4 years.....$65 00
Second best 35 00
57 Best Steer or Spayed Heifer 2 and under 3 years 65 00
Second best 35 00
58 Best Steer or Spayed Heifer 1 and under 2 years..... 65 00
Second best 35 00
59 Best Steer or Spayed Heifer under 1 year old 65 00
Second best 35 00

Dairy Breeds—Cattle.

JOHN P. REYNOLDS, SUPERINTENDENT.

Lot 18—Holstein or Friesian.

60 Best Bull 3 years old or over.....$125 00
61 Best Cow 3 years old or over 100 00
Second best 50 00
Third best 25 00

Lot 19—Ayrshires.

62 Best Bull 3 years old or over.....$125 00
63 Best Cow 3 years old or over..... 100 00
Second best 50 00
Third best 25 00

Lot 20—Jerseys.

64 Best Bull 3 years old or over.....$125 00
65 Best Cow 3 years old or over 100 00
Second best 50 00
Third best 25 00

Lot 21—Other Pure Dairy Breeds.

66 Best Bull 3 years old or over..... $50 00
67 Best Cow 3 years old or over..... 50 00

$2.00 and $2.50 Per Day | Stop at the GAULT HOUSE | Corner West Madison and Clinton Sts., Chicago.

COST OF PRODUCTION.

FORM OF APPLICATION FOR ENTRY.

Secretary State Board of Agriculture:

I hereby make application to enter the following described animal in Lot 17—Cost of Production—and give items of cost and other particulars below:

Name..... P. O.....

PEDIGREE.

Name.....
Herd Book No..... Color, etc.....
Date of Birth.....
Bred by..... of.....
Got by.....
1 dam..... " .....
2 dam..... " .....
3 dam..... " .....

COST OF PRODUCTION—FIRST YEAR.

Value of calf at birth	$...
Quantity and value of milk consumed. No. of galls..... Price per gall.....	....
*Quantity and value of grain, meal and feed of each kind other than hay, forage and pasturage consumed during the first twelve months, as follows:	
.....lbs. of.....@ .....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage (except pasture) consumed first twelve months, as follows:	
.....lbs. of.....@.....per 100 lbs.	
..... " .....@..... "	....
..... " .....@..... "	....
..... " .....@..... "	....
‡Value of grass consumed in pastures up to 12 months of age.....	....
Expense for care, feeding, salting, etc., up to 12 months of age.	....
§Other expenses for food, etc., up to 12 months of age not named above, as follows:	
.....	....
Total cost of production up to twelve months of age.....	....

Weight of animal at twelve months of age, ...lbs.

Value of animal at twelve months of age, $...
What kinds and how much other food than milk and pasturage was given to the calf daily while sucking?. ... .
At what age was the calf weaned?.....
Was the calf allowed to run with dam until weaned?. .....
Is a daily allowance of grain for yearling steers, when on grass, profitable?.....

COST OF PRODUCTION—SECOND YEAR.

ANIMAL ONE AND UNDER TWO YEARS OLD.

Weight of animal at twelve months of age, ...lbs.

Value of animal at 12 months of age.....	$...
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age to November 10, 1885, as follows:	
.....lbs. of.....@.....per 100 lbs.	
..... " .....@..... "	....
..... " .....@..... "	....
..... " .....@..... "	....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age to 24 months of age, as follows:	
.....lbs. of.....@.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to November 10, 1885, as follows:	
.....lbs. of.....@.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up 24	
.....lbs. of.....@.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....

$2.00 and $2.50 Per Day | Stop at the GAULT HOUSE | Corner West Madison and Clinton Sts., Chicago.

‡Value of grass consumed in pasture from 12 months of age to November 10, 1885.....
‡Value of grass consumed in pasture from 12 months of age to 24 months of age.....
Expense for care, feeding, salting, etc., from 12 months of age to November 10, 1885.....
Expense for care, feeding, salting, etc., from 12 months of age to 24 months of age.....
§Other expenses for food, etc., not named above, from 12 months of age to November 10, 1885, as follows:
.....
§Other expenses for food, etc., not named above, from 12 months of age up to 24 months of age, as follows:
.....

Total cost of production from 12 months of age to November 10, 1885.....
Total cost of production from 12 months of age up to 24 months of age.....
Weight of animal Nov. 10, 1885..... lbs.
Weight of animal at 24 mos. .....lbs.
Value of animal Nov. 10, 1885, $6 per 100
Value of animal at 24 mos.....$6 per 100

REMARKS.

Was the animal stabled or sheltered during the winter?.....
Was the animal allowed range of pasture during the winter?.....
Daily allowance of grain?.....

COST OF PRODUCTION—THIRD YEAR.

ANIMAL TWO AND UNDER THREE YEARS OF AGE.

Weight of animal at 24 months of age, ...lbs.

Value of animal at 24 months of age.... $...
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age up to 36 months of age:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
†Quantity, kind and value of hay and other forage, except pasturage, consumed from 24 months of age up to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
†Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to 36 months of age:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "

‡Value of grass consumed in pasture from 24 months of age to November 10, 1885.....
‡Value of grass consumed in pasture from 24 months of age up to 36 months of age.....
Expense for care, feeding, salting, etc., from 24 months of age to November 10, 1885.....
Expense for care, feeding, salting, etc., from 24 months of age up to 36 months of age.....
§Other expenses not named above, from 24 months of age to November 10, 1885, as follows:
.....
§Other expenses not named above, from 24 months of age up to 36 months of age, as follows:
.....

Total cost of production from 24 months of age to November 10, 1885.....
Total cost of production from 24 months of age up to 36 months of age.....
Weight of animal Nov. 10, 1885.....
Weight of animal 36 months of age.....
Value of animal Nov. 10, 1885..$6 per 100
Value of animal 36 mos. of age, $6 per 100

REMARKS.

Was the animal stabled or sheltered during winter?.....
Was the animal allowed range of pasture during winter?.....
Daily allowance of grain?.....

COST OF PRODUCTION FOR PART OF FOURTH YEAR.

ANIMAL THREE AND UNDER FOUR YEARS.

Weigbt of animal at 36 months of age lbs.....
Value of animal at 36 months of age at $6.00 per 100.....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 36 months of age to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
†Quantity and value of hay and other forage (except pasture) consumed from 36 months of age to November 10, 1885.
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
‡Value of grass consumed in pasture from 36 months of age to November 10, 1885.....
Expense for care, feeding, salting, etc., from 36 months of age to November 10, 1885.....
§Other expenses not named above, from 36 months of age to November 10, 1885, as follows:
.....
Total cost of production from 36 months of age to November 10, 1885.....
Weight of animal Nov. 10, 1885.....lbs.
Value of animal Nov. 10, 1885..$6 per 100

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REMARKS.

Was the animal stabled or sheltered during winter?.....
Was the animal allowed range of pasture during winter?.....
Daily allowance of grain?.....

RECAPITULATION.

Cost of production—	
At 12 months of age.....	....
November 10, 1885, (steer 1 and under 2)	....
At 24 months of age.....	....
November 10, 1885, (steer 2 and under 3)	....
At 36 months of age.....	....
November 10, 1885, (steer 3 and under 4)	....
Total	$...

On this.....day of November, 1885 personally appeared before me....., who being duly sworn, says that the above statement is true.

[SEAL] .....N. P.

*State, separately, amount of corn, oats, linseed or other meal, grain, roots, etc., whether ground, steamed or otherwise specially prepared; price of each per 100 pounds.

†State, separately, amount of timothy, clover, millet, prairie or other hay, and price of each per ton; also whether cut or otherwise specially prepared.

‡State kind of pasture—blue grass, timothy, clover, or otherwise.

§Specify kind, amount and value of each of the several kinds of food.

Blanks for Cost of Production furnished on application.

CLASS B—Horses.

E. C. LEWIS, Superintendent Light Horses.

DAVID GORE, Superintendent Draft Horses.

The Exposition Building will be open for the reception of Stock on Monday, the 9th day of November, 1885.

The exhibition of horses and the admission of live stock for exhibition only or for sale, will be, if at all, only to the extent of the space at the disposition of the committee of arrangements, without limiting or incommoding the exhibition of Fat or Dairy Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1885, after the close of the entries of competing animals.

ENTRIES.

1. Must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications, on which to specify exhibitor's name and address, with description of animal offered.

2. In all classes authentic pedigrees must be furnished.

3. The following fee will be charged, and must accompany applications for entries. For each horse, $2.00.

4. Each exhibitor must purchase an exhibitor's ticket ($1.50), when applying for entries, a firm being regarded as one exhibitor. Gnly one member of the firm will be admitted to the building on the ticket.

No exhibitor will be permitted to show more than ten horses, unless additional stalls are constructed and at the disposal of the Superintendent of Stalls.

See list of Special Premiums for Horses published elsewhere.

$2.00 and $2.50 Per Day { Stop at the GAULT HOUSE } Corner West Madison and Clinton Sts., Chicago.

CLASS C—Sheep.

D. W. VITTUM, Jr., Superintendent.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building, or if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify the exhibitor's name and address, with age and description of the animal offered.

3. The fee for each sheep will be $1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butchers' stock only will be eligible te compete for premiums, and animals that are to be used for breeding purposes, and animals whose fleeces have been artificially colored, will be excluded from competition.

5. All statements of fact required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 25, 26, 27, 28, 29, 30, 31 and 32 are entitled to compete in the sweepstakes ring, Lot 35, and only animals awarded sweepstakes prizes in Lot 35, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize in Lot 36. Animals awarded sweepstakes prizes in Lot 35, and the Grand Sweepstakes prize in Lot 36, will be slaughtered in competition for the prizes in Lot 39. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 37, Heaviest Fat Sheep, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, without consultation. The awarding committee shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium, also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 39—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 36, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

MIDDLE WOOLS.

Lot 25—Southdown.

77	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
78	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
79	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 26—Shropshire.

80	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
81	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
82	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

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Lot 27—Hampshire.

83	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
84	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
85	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 28—Oxford.

86	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
87	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
88	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 29—Cotswold.

89	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
90	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
91	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 30—Leicester.

92	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
93	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
94	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 31—Lincoln.

95	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
96	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
97	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 32—Grades or Crosses.

98	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
99	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
100	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 33—Pure Bred Middle Wools, by Ages.

101	Best Wether over 2 years old	$50 00
102	Best Wether 1 and under 2 years	50 00
103	Best Wether under 1 year old	25 00

Lot 34—Pure Bred Long Wools, by Ages.

104	Best Wether over 2 years old	$50 00
105	Best Wether 1 and under 2 years	50 00
106	Best Wether under 1 year	25 00

Lot 35—Sweepstakes.

107	Best Wether over 2 years old	$50 00
108	Best Wether 1 and under 2 years	50 00
109	Best Wether under 1 year	25 00

Lot 36—Grand Sweepstakes.

110	Best Wether in show	$50 00

Lot 37—Heaviest Fat Sheep.

Open to all.

111	Heaviest Wether, any age	$25 00

Lot 38—Pen Wethers.

112	Best 5 fat Wethers 2 and under 3	$50 00
113	Best 5 fat Wethers under 2 years	50 00

Lot 39—Dressed Carcass.

Not less than two entries will be considered in each ring.

114	Best Carcass Wether over 2 years old	$25 00
115	Best Carcass Wether 1 and under 2 years	25 00
116	Best Carcass Wether under 1 year	25 00

Lot 40—Dressed Carcass—Sweepstakes.

117	Best Carcass Wether any age	$25 00

Lot 41—Gain Per Day.

118	Wether showing greatest average gain per day including weight at birth. Entries to be accompanied by affidavit, giving exact age	$50 00

Lot 42—Cost of Production.

Entries to be made on the prescribed form and verified by affidavit.

119	Wether over 2 years old, produced at the least cost per pound live weight	$50 00

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CLASS D—Swine.

E. B. DAVID, SUPERINTENDENT.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building, or, if admitted, will be removed.

2. Entries must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of animal offered.

3. The fee for each hog will be $1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butchers' stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees, or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 43, 44, 45, 46, 47, 48 49, and 50 are entitled to compete in the sweepstakes rings, Lot 52, and only animals awarded sweepstakes prizes in Lot 52, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize Lot 53. Animals awarded sweepstakes prizes in Lot 52, and the Grand Sweepstakes prize in Lot 53, will be slaughtered in competition for prizes in Lot 56. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 54, Heaviest Fat Hog, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committee shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lot 56--Carcasses--will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 53, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder, and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

Lot 43—Berkshire.

120	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
121	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 44—Poland China.

122	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
123	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

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Lot 45—Chester White.

124 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
125 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 46—Essex.

126 Best Barrow 12 and under 18 months $20 09
Second best 15 00
Third best 10 00
127 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 47—Duroc Jersey Red.

128 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
129 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 48—Yorkshire and Suffolk.

130 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
131 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 49—Victoria.

132 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
133 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 50—Grades or Crosses.

134 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
135 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 51—All Breeds and Grades by Ages.

136 Best Barrow 12 and under 18 months $25 00
137 Best Barrow under 1 year 25 00

Lot 52—Sweepstakes.

138 Best Barrow shown in Lot 43—Birkshire $25 00
139 Best Barrow shown in Lot 44—Poland China 25 00
140 Best Barrow shown in Lot 45—Chester White 25 00
141 Best Barrow shown in Lot 46—Essex 25 00
142 Best Barrow shown in Lot 47—Duroc Jersey Red 25 00
143 Best Barrow shown in Lot 48—Yorkshire and Suffolk 25 00
144 Best Barrow shown in Lot 49—Victoria 25 00
145 Best Barrow shown in Lot 50—Grades or Crosses 25 00

Lot 53—Grand Sweepstakes.

146 Best Barrow in the Show $50 00

Lot 54—Heaviest Fat Hog.

Open to all.

147 Heaviest Barrow of any age $25 00

Lot 55—Pen Barrows.

148 Best 5 fat Barrows 12 and under 18 months $75 00
149 Best 5 fat Barrows under 1 year .. 75 00

Lot 56—Dressed Carcass.

Not less than two entries will be considered in each ring.

150 Best Carcass of Barrow 12 and under 18 months $25 00
151 Best Carcass of Barrow under 1 year old 25 00

Lot 57—Gain Per Day.

152 Barrow showing largest average gain per day including weight at birth. Entries to be accompanied by affidavit giving exact age $25 00

Lot 58—Cost of Production.

Entries to be made on the prescribed form and verified by affidavit.

153 Barrow 12 and under 18 months, produced at the least cost per pound, live weight $25 00

CLASS N—Dairy Department.

E. E. CHESTER, Superintendent.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned. Entries must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish necessary blanks.

2. No premiums will be offered for Dairy utensils, but every facility afforded for exhibition.

3. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitor's tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

4. Articles on exhibition cannot be removed until the close of the Show.

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5. Awards will be made by an expert, with the following scale of points: Butter—Flavor 40, grain 30, color 15, salting 10, style of package 5; total 100. Cheese—Flavor 30, quality 30, texture 20, color 10, salting 10; total 100.

6. All statements of facts required of exhibitors must be in writing and forwarded with the application for entry.

7. Each entry in Lots 59, 60, 61 and 62 must be accompanied by a statement of time, place and mode of manufacture.

Lot 59—Butter.

154	Best two packages of not less than 50 pounds each of Creamery Butter made in May or June	$25 00
	Second best	15 00
	Third best	10 00
155	Best two packages of not less than 50 pounds each of Creamery Butter made at any time	25 00
	Second best	15 00
	Third best	10 00
156	Best package of not less than 20 pounds Dairy Butter made at any time	25 00
	Second best	15 00
	Third best	10 00
157	Best five prints or rolls of not more than one pound each	15 00
	Second best	10 00
158	Best sample Granulated Butter shown in glass	10 00
	Second best	5 00
159	Best sample of Butter of not less five pounds made from the milk of one cow	10 00
	Second best	5 00
160	Best exhibit of Fancy Print Butter in shipping case for home market	10 00
	Second best	5 00

Best sample of not less than five pounds of Butter made from the milk of one recorded cow of each of the following breeds:

161	Jersey Butter	$5 00
162	Guernsey Butter	5 00
163	Ayrshire Butter	5 00
164	Holstein or Friesian Butter	5 00
165	Devon Butter	5 00
166	Short-Horn Butter	5 00
167	Hereford Butter	5 00
168	Angus or Galloway Butter	5 00
169	Best sample Milk (from one recorded cow of any of the above named breeds) produced in 24 hours, from which the greatest amount of butter is obtained	10 00
	Second best	5 00
170	Best 10 pounds of Butter made in the Exposition Building during the Show	10 00
	Second best	5 00
171	Best packages of Butter of not less than 50 pounds, the premium to be divided *pro rata* among the all the entries scoring 85 or more points, in proportion to the amount each may score	200 00
172	Best and largest display of Butter by one manufacturer	50 00
173	Best package of Butter of not less than 50 pounds	50 00

Lot 60—Special Prizes offered by Citizens of Chicago.

Best package of Butter of not less than 50 pounds, made in each of the following States:

174	Package Butter made in Illinois	$10 00
175	Package Butter made in Indiana	10 00
176	Package Butter made in Iowa	10 00
177	Package Butter made in Michigan	10 00
178	Package Butter made in Minnesota	10 00
179	Package Butter made in Wisconsin	10 00
180	Package Butter made in Nebraska	10 00
181	Package Butter made in Kansas	10 00
182	Package Butter made in Ohio	10 00
183	Package Butter made in Canada or any State not named above	10 00

Lot 61—Cheese.

184	Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made in May or June	$25 00
	Second best	15 00
	Third best	10 00
185	Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made at any time	25 00
	Second best	15 00
	Third best	10 00
186	Best three cases of Cheese, flat, of not less than 30 pounds each, made at any time	25 00
	Second best	15 00
	Third best	10 00
187	Best case Young America Cheese	15 00
	Second best	10 00
188	Best 20 pounds Limburger Cheese in foil	15 00
	Second best	10 00
189	Best case Switzer Cheese	15 00
	Second best	10 00
190	Best case Full Cream Cheese, any other variety, American manufacture	15 00
	Second best	10 00
191	Best and largest display of Cheese by one manufacturer	50 00
192	Best three cases of Cheese, the premium to be divided *pro rata* among all the entries scoring 85 or more points, in proportion to the amount each may score	200 00
193	Best lot Cheese, not less than 50 pounds	50 00
194	Best and largest display of Butter and Cheese by a dealer	50 00

Lot 62—Special Prizes offered by Citizens of Chicago.

Best lot of Cheese of not less than 50 pounds made in each of the following States.

195	Cheese made in Illinois	$10 00
196	Cheese made in Indiana	10 00
197	Cheese made in Iowa	10 00
198	Cheese made in Michigan	10 00
199	Cheese made in Minnesota	10 00
200	Cheese made in Wisconsin	10 00
201	Cheese made in Nebraska	10 00
202	Cheese made in Kansas	10 00
203	Cheese made in Ohio	10 00
204	Cheese made in Canada or any State not named above	10 00

Dairy Implements.

Lot 63—Butter-making Utensils.

205 Revolving Churn.

57 Washington St., Chicago, Ill. Send for Catalogue. P. S. BARTLETT, Wholesale and Retail JEWELER.

206 Churn with Masher or Float.
207 Factory Churn.
208 Power Butter-Worker.
209 Butter-Worker for Farm Dairies.
210 Butter Tray and Board.
211 Butter Ladle.
212 Butter Mould.
213 Butter Stamp.
214 Butter Printer.
215 Best general display of Utensils for Butter-making.....Diploma

Lot 64—Cheese-making Utensils.

216 Cheese Press.
217 Cheese Vat.
218 Curd Mill.
219 Currying Can.
220 Set of Scales.
221 Milk Pail.
222 Machine for making Cheese Boxes.
223 Tin or Metal Cans for Dairy Use.
224 Best general display of Utensils for Cheese-making.. .....Diploma

Lot 65—Cream-raising Utensils.

225 Cans for gathered Cream.
226 Carrying Can for Cream.
227 Display Cans or Creamers for Dairy Use.
228 Display Cream Extractors ..... S. M.

Lot 66—Machinery for Dairy Use.

229 Best display Engine and Boiler, complete..... Dip.
230 Engines.
231 Boilers.
232 Horse Powers.
233 Dog or Animal Powers.
234 Wagon or Device for tranporting Cream from Farm to the Creamery.
235 Device for attaching Wind-Mill to the Churn.
236 Motor for Dairy or Creamery Use.

Lot 67—Butter and Cheese Packages.

237 Display Butter Tubs.
238 Display Firkins and Half-Firkins.
239 Display Butter Pails.
240 Display Butter Tubs, other than oak, ash or spruce.
241 Display Shipping Boxes for Print Butter.
242 Display Cheese Boxes.
243 Display Fancy Packages.
244 Display Metal Packages.
245 Display Shipping Cans for Print Butter.
246 Display Refrigerators for storing Butter.
247 Display of Butter Color.
248 Best Refrigerator Car..... ..... Dip.
249 Most artistic display of Dairy Salt..... Dip.

SPECIAL PREMIUMS FOR THE AMERICAN FAT STOCK AND DAIRY SHOW FOR 1885.

CLASS A—Cattle.

Lot 2—Herefords.

The American Hereford Cattle Breeders' Association will duplicate premiums awarded pure bred Hereford and Grade Hereford Cattle exhibited at the Eighth American Fat Show and Dairy Show, and in addition offer the following:

BREEDERS' RING.

Bred and owned by Exhibitor.

5 Best Hereford Steer or Spayed Heifer 3 and under 4.....$30 00
Second best 20 00
Third best 10 00
6 Best Hereford Steer or Spayed Heifer 2 and under 3..... 30 00
Second best 20 00
Third best 10 00
7 Best Hereford Steer or Spayed Heifer 1 and under 2.. ..... 30 00
Second best 20 00
Third best 10 00

GRADES BY HEREFORD BULL.

Best Grade Steer or Spayed Heifer 3 and under 4.....$30 00
Second best 20 00
Third best 10 00
Best Grade Steer or Spayed Heifer 2 and under 3 ..... 30 00
Second best 20 00
Third best..... 10 00
Best Grade Steer or Spayed Heifer 1 and under 2..... 30 00
Second best 20 00
Third best..... 10 00

Lot 4—Aberdeen-Angus.

The American Aberdeen-Angus Association will duplicate premiums awarded Aberdeen Cattle or their Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 5—Holstein Friesian.

The Holstein Friesian Association of America will duplicate premiums awarded pure bred Holstein Friesian Cattle or Holstein Friesian Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 8—All Breeds and Grades, by Ages.

29 Best Steer or Spayed Cow 3 and under 4 years, The W. W. Kimball Company, Chicago, offer Parlor Organ, valued at $275 00
30 Best Steer or Spayed Heifer 2 and under 3 years, Fairbanks, Morse & Co., Chicago, offer one Fourton Scale with Double Beam and Weigh Box, valued at..... 170 00
31 Best Steer or Spayed Heifer 1 and under 2 years, H. C. Staver Implement Co., Chicago, offer a New Buckeye Feed Mill, valued at..... 80 00

57 Washington St., Chicago, Ill. Send for Catalogue. P. S. BARTLETT, Wholesale and Retail JEWELER.

32 Best Steer or Spayed Heifer under 1 year, G. D. Colton & Co., Galesburg, Ill., offer a Colton's "New Deal" Rotary Corn Planter and Check Rower combined, value.. 70 00

Lot 11—Pen of Cattle.

41 Best five Steers or Spayed Cows 3 and under 4 years, Marshall Field & Co., Chicago, cash $100 00
42 Best five Steers or Spayed Heifers 2 and under 3 years, Marshall Field & Co., Chicago, cash..... 100 00
43 Best five Steers or Spayed Heifers 1 and under 2 years, Marshall Field & Co., Chicago, cash 100 00

Lot 9—Sweepstakes.

Thorley Food Company, 39 Franklin Street, Chicago, offer premiums as follows:

33 Best animal shown in Lot 1, Short-Horns, 50 pounds Thorley Food, value..... $7 50
34 Best animal shown in Lot 2, Herefords, 50 pounds Thorley Food, value..... 7 50
35 Best animal shown in Lot 3, Devons, 50 pounds Thorley Food, value..... 7 50
36 Best animal shown in Lot 4, Aberdeen-Angus or Galloway, 50 pounds Thorley Food, value.... 7 50
37 Best animal shown in Lot 5, Holstein Friesian, 50 pounds Thorley food, value 7 50
38 Best animal shown in Lot 6, Grades or Crosses, 50 pounds Thorley Food, value..... 7 50
39 Best animal shown in Lot 7, Range Cattle, 50 pounds Thorley Food, value..... 7 50

Lot 10—Grand Sweepstakes.

40 Best Steer or Cow in the Show bred and raised by exhibitor, J. H. Sanders & Co., of Chicago, offer the *Breeders' Gazette* Challenge Gold Medal, valued at....$125 00

This medal to be won two years in succession or any three years by the same person before it becomes his absolute property.

Lot 12—Dressed Carcass.

Thorley Food Company, 39 Franklin Street, Chicago, offer premiums as follows:

45 Best Carcass Steer or Spayed Cow 3 and under 4 years, 50 pounds Thorley Food, value..... $7 50
46 Best Carcass of Steer or Spayed Heifer 2 and under 3 years, 50 pounds Thorley Food, value..... 7 50
47 Best Carcass of Steer or Spayed Heifer 1 and under 2 years, 50 pounds Thorley Food, value..... 7 50

CLASS B—Horses.

The following prizes have been donated by the manufacturers, to encourage the exhibition of Horses, but have been designated by the Committee of the Board of Agriculture to the different breeds.

Lot 22—Norman-Percheron.

STUD PRIZE.

I. L. Ellwood, DeKalb, Illnois, offers for five best French Draft Stallions over 2 years old, imported in 1885, owned by one party, with or without certificate of registry in France.$100 00
Best Stallion 3 years old or over, Studebaker Bros. Mfg. Co., South Bend, Ind., offer a Studebaker Farm Wagon, complete, value..... 125 00

Lot 23—Clydesdale.

Best Stallion 3 years old or over, David Bradley Mfg. Co., Chicago, offer Swing Beam Sulky Plow, valued at..... $60 00
Best Stallion 2 and under 3 years old, Walter A. Wood Mowing and Reaping Machine Co., Chicago, offer one Iron-Cased Mower, value 75 00

Lot 24—English Shire.

Best Stallion 3 years old or over Schuttler & Hotz, Chicago, offer an entirely new style of Self-dumping Farm Cart with 3¼ inch patent steel skeins; wheels 4 ft. 8 in. high, tire 1½ in. wide; with a convertible dash that can be used as a seat, and a mechanical dumping arrangement that lifts the tail-board up out of the way in the act of dumping—a totally new and original device, that will please every farmer and stockman valued at..... 75 00
Best Stallion 2 and under 3 years old, Garfield Mfg. Co., Chicago, offer a handsomely ornamented Bridle, Circingle and Blanket, value..... 25 00

Best Roadster, Mare or Gelding.

Abbott Buggy Company, of Chicago, offer a Perry Road Cart, awarded Gold Medal at World's Fair, New Orleans, value.....$100 00
Best pair Roadster Mares, Geldings or Stallions, owned at the time of exhibition by a farmer or breeder who bred and raised the team, McCormick Harvesting Manufacturing Company, of Chicago, offer an Iron Mower, value..... 75 00
Best pair Carriage Horses, Mares or Geldings, J. M. W. Jones, Chicago, offers Letter Press and Stand, value 25 00
Best Saddle Horse, The Kent Publishing Co., 70 Monroe Street, Chicago, offer a Gold-Mounted Riding Whip, value 20 00
Best Saddle Horse, the P. Hayden Saddlery Hardware Co., 45 and 47 Lake Street, Chicago, offer one Gentleman's Riding Saddle, value..... 25 00
Best Shetland Pony, The Meriden Britania Co., A. S. Sercomb, Manager, Chicago, offer Silver Cup, value..... 25 00
Best Saddle Pony, L. Adams & Co., Clothiers, Cor. Clark and Adams St., Chicago, offer Solid Silver Cup, value..... 15 00

57 Washington St., Chicago, Ill.
Send for Catalogue.
P. S. BARTLETT, Wholesale and Retail JEWELER.

CLASS C—Sheep.

Lot 38—Pen Wethers.

112 Best 5 Fat Wethers over 2 years old, Marshall Field & Co. Chicago, cash.....$100 00

Lot 35—Sweepstakes.

The Thorley Food Co., 39 Franklin Street, Chicago, offer premiums as follows:

107 Best Wether over 2 years old, 25 pounds Thorley Food, value.. $4 00
108 Best Wether 1 and under 2 years old, 25 pounds Thorley Food, 4 00

The De Laval Cream Separator Company, 92 Lake Street, Chicago, offer for the
173 Best tub of Butter of not less than 50 pounds, cash..... 50 00

Drake, Parker & Co., of the Grand Pacific Hotel, Chicago, offer for the
173 Best tub of Butter of not less than 50 pounds, the Butter to be the property of Drake, Parker & Co., cash..... 50 00

P. Moran & Co., Dealers in Dairy Products, 107 South Water Street, offer for the
Best Tub of Creamery Butter, of not less than 50 pounds, salted with Rice's "Pure Dairy Salt," cash..... 25 00

DONATIONS.

The following cash subscriptions have been made in Chicago to the General Premium Fund of the Fat Stock and Dairy Show for 1885:

Union Stock Yards and Transit Co., John B. Sherman, Manager	$3000
Grand Pacific Hotel, John B. Drake & Co., Proprietors	250
Sherman House, J. Irving Pearce, Proprietor	250
Palmer House, Palmer House Co., Proprietors	100
Leland Hotel, Warren F. Leland, Proprietor	50
Burke's Hotel	25
Clifton House, Woodcock & Funny, Proprietors	25
Commercial Hotel, C. W. Dabb & Co., Proprietors	25
McCoy Hotel, Wm. McCoy, Proprietor	25
Windsor European Hotel, 145 Dearborn Street, Samuel Gregsten, Prop.	25
Brevoort House, 145 Madison Street, Benjamin & Wentworth, Props.	25
Tremont House, John A. Rice & Co., Proprietors	25
Armour & Co.	100
M. McDonald	100
E. H. Lehman	50
Chas. P. Willard & Co	50
L. Adams & Co	25
A. H. Blackall	10
N. Matson & Co	10
Schlesinger & Mayer	10
S. Shick	10

cago, offers for the
173 Best tub of Butter of not less than 50 pounds, cash..... $5 00

Giles Bros, Jewelers, Chicago, offer for the
173 Best tub of Butter of not less than 50 pounds, Gold Watch with Dust-Proof and Anti-Magnetic Case, value.....$100 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—
156 For best package of not less than 20 pounds Dairy Butter, made at any time, one Lever Butter Worker, made by H. H. Palmer & Co., of Rockford, Ill., value... $5 00

57 Washington St., Chicago, Ill.
Send for Catalogue.
P. S. BARTLETT, Wholesale and Retail JEWELER.

CLASS C—Sheep.

Lot 38—Pen Wethers.

112 Best 5 Fat Wethers over 2 years old, Marshall Field & Co. Chicago, cash.....$100 00

Lot 35—Sweepstakes.

The Thorley Food Co., 39 Franklin Street, Chicago, offer premiums as follows:

107 Best Wether over 2 years old, 25 pounds Thorley Food, value.. $4 00
108 Best Wether 1 and under 2 years old, 25 pounds Thorley Food, value..... 4 00
109 Best Wether under 1 year old, 25 pounds Thorley Food, value... 4 00

CLASS D—Swine.

Lot 52—Sweepstakes.

The Thorley Food Co., 39 Franklin Street, Chicago, offer premiums as follows:

138 Best Barrow shown in Lot 43, Berkshires, 25 pounds Thorley Food, value. $4 00
139 Best Barrow shown in Lot 44, Poland China, 25 pounds Thorley Food, value 4 00
140 Best Barrow shown in Lot 45, Chester White, 25 pounds Thorley food, value 4 00
141 Best Barrow shown in Lot 46, Essex, 25 pounds Thorley Food, value 4 00
142 Best Barrow shown in Lot 47, Duroc Jersey Red, 25 pounds Thorley Food. value 4 00
143 Best Barrow shown in Lot 48, Yorkshire and Suffolk, 25 pounds Thorley Food, value... 4 00
144 Best Barrow shown in Lot 49, Victoria, 25 pounds Thorley Food, value..... 4 00
145 Best Barrow shown in Lot 50, Grades and Crosses, 25 pounds Thorley Food, value 4 00

Lot 55—Pen Barrows.

148 Best five Fat Barrows 12 and under 18 months, Marshall Field & Co., Chicago, cash.....$100 00

149 Best five Fat Barrows under 1 year, Rice, Whitacre & Co., Chicago, a No. 2 Triumph Feed Steamer, value..... 60 00

Lot 59—Butter.

The National Butter, Cheese and Egg Association offer for the
173 Best tub of Butter of not less than 50 pounds, Gold Medal, value.....$100 00

Potter Palmer, of the Palmer House, Chicago, offers for the
173 Best tub of Butter of not less than 50 pounds, cash..... $50 00

Giles Bros., Jewelers, Chicago, offer for the
173 Best tub of Butter of not less than 50 pounds, Gold Watch with Dust-Proof and Anti-Magnetic Case, value.....$100 00

The De Laval Cream Separator Company, 92 Lake Street, Chicago, offer for the
173 Best tub of Butter of not less than 50 pounds, cash 50 00

Drake, Parker & Co., of the Grand Pacific Hotel, Chicago, offer for the
173 Best tub of Butter of not less than 50 pounds, the Butter to be the property of Drake, Parker & Co., cash..... 50 00

P. Moran & Co., Dealers in Dairy Products, 107 South Water Street, offer for the
Best Tub of Creamery Butter, of not less than 50 pounds, salted with Rice's "Pure Dairy Salt," cash 25 00

John Boyd, of Chicago, offers for the
Best tub of Butter of not less than 50 pounds, made in a whole-milk factory by the Cooley Submerged Process, No. 3 Cooley Creamer, value..... 40 00

John Boyd, of Chicago, offers for the
Best tub of Butter of not less than 50 pounds, made in a creamery by the Cooley Submerged Process, from gathered cream, No. 3 Cooley Creamer, value..... 40 00

John Boyd, of Chicago, offers for the
Best tub of Butter of not less than 20 pounds, made by the Cooley Submerged Process, No. 2 Cooley Creamer, value..... 30 00

The Thorley Food Company, 39 Franklin Street, Chicago, offers for the best results in increasing the quantity of Butter and Milk during a period of 30 days, the cow to be fed as per direction on Thorley Food, the Butter to be the property of the Thorley Food Co., 200 pounds Thorley Food, value..... 25 00

The Thorley Food Co., 39 Franklin Street, Chicago, offer for best sample of Butter made from the milk of one recorded cow of the following breeds:

Best 5 pounds Butter made from the milk of one native or grade cow, 25 pounds Thorley Food, value $4 00
161 Best 5 pounds Butter, Jersey Cow, 25 pounds Thorley Food, value.. 4 00
162 Best 5 pounds Butter, Guernsey Cow, 25 pounds Thorley Food, value 4 00
163 Best 5 pounds Butter, Ayrshire Cow, 25 pounds Thorley Food, value..... 4 00
164 Best 5 pounds Butter, Holstein or Friesian Cow, 25 pounds Thorley Food, value..... 4 00
165 Best 5 pounds Butter, Devon Cow, 25 pounds Thorley Food, value.. 4 00
166 Best 5 pounds Butter, Short-Horn Cow, 25 pounds Thorley Food, value..... 4 00
167 Best 5 pounds Butter, Hereford Cow, 25 pounds Thorley Food, value 4 00
168 Best 5 pounds Butter, Angus Cow, 25 pounds Thorley Food, value.. 4 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—
156 For best package of not less than 20 pounds Dairy Butter, made at any time, one Lever Butter Worker, made by H. H. Palmer & Co., of Rockford, Ill., value... $5 00

57 Washington St., Chicago, Ill.
Send for Catalogue.
P. S. BARTLETT, Wholesale and Retail JEWELER.

Chas P. Willard & Co., dealers in Genera. Dairy Supplies, 280 Michigan St., Chicagol offer for the Manufacturer—

157 For best 5 pounds or rolls of Butter of not more than 1 pound each, one Nesbit Butter Printing Machine, made by the Vermont Farm Machine Company, Bellows Falls, Vt., valne..... $6 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer—

158 For best sample granulated Butter shown in glass, one No. 2 Boss Churn, made by H. H. Palmer & Co., Rockford, Ill., value. $7 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer--

159 For best sample of Butter of not less than 5 pounds, made from the milk of one cow, one No. 3 Davis Swing Churn, made by the Vermont Farm Machine Co., Bellows Falls, Vt., value.....$10 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

160 For best exhibit of fancy print Butter in shipping case for home market, one Crowell Thermometer Churn, made by the Ames Plow Co., Boston, Mass., valne..... $8 00

Chas. P. Willard & Co., dealer in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

172 For largest and best display of Butter by one manufacturer, Butter and Cheese Color, made at Hansen's Laboratory, Little Falls, N. Y., valne.....$25 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for best tub of Creamery Butter of not less than 50 pounds, made with churn and butter-worker of their make, 300-gallon Curtis Factory Churn, value 40 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for the best tub of Farm-made Butter of not less than 20 pounds, made with a Rectangular Churn, the following:

No. 3 Rectangular Churn	$ 9 00
No. 1 Lever Butter-Worker	6 50
One Butter Tray	3 00
Two Spoon Ladles	50
One Thermometer	50
One Butter Mould	50
	$20 00

Lot 60—Butter—State Exhibit

The Iowa Dairymen's Association offer for the

176 Best tub of Butter of not less than 50 pounds, made in Iowa, cash prize $50 00

The Illinois Dairymen's Association offer for the

174 Best tub of Butter of not less than 50 pounds, made in Illinois, cash prize $50 00

Lot 61—Cheese.

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

195 For best tub of Cheese of not less than 50 pounds, made in Illinois, one Anderson Steamer, made by Haxtun Steam Heater Co., Kewanee, Ill., valne.....$55 00

Chas P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St , Chicago, offer for the manufacturer—

191 For best display of Cheese by one manufacturer, Butter or Cheese Color made by Wells & Richardson, Burlington, Vt., value $25 00

Chas. P. Willard & Co , dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

195 For best lot of Cheese, of not less than 50 pounds, five sacks Higgin's Eureka Salt, made by the Higgin Eureka Salt Co., Liverpool, England, value.....$13 00

Drake, Parker & Co., of the Grand Pacific Hotel, offer for the

193 Best lot of Cheese, not less than 50 pounds, the Cheese to be the property of Drake, Parker & Co., cash prize.....$50 00

Potter Palmer, of the Palmer House, Chicago, offers for the

Best lot of Creamery Cheese of not less than 50 pounds, cash.....$50 00

J. C. Vanghan, Seedsman, 42 LaSalle St., Chicago, offers for the

193 Best lot of Cheese, not less than 50 pounds, No. 2 New England Root Cutter, value.....$14 00

Lot 62—Cheese—State Exhibit

The Illinois Dairymen's Association offer for the

195 Best lot of three Cheese, not less than 50 pounds, made in Illinois, cash prize $50 00

TWELFTH ANNUAL MEETING ILLINOIS DAIRYMENS' ASSOCIATION

WILL BE HELD AT

BELVIDERE, ILLINOIS, DECEMBER 9, 10 AND 11, 1885.

R. P. McGLINCY, SEC'Y, Elgin, Ill. H. B. GURLER, PRES'T, DeKalb, Ill.

THE ILLINOIS HORTICULTURAL SOCIETY

Will hold its annual meeting at Centralia, December 8, 9 and 10, 1885.
The Society will hold a Fruit Exhibit in connection with the meeting.

A. C. HAMMOND, SECRETARY, Warsaw. J. M. PEARSON, PRESIDENT, Godfrey.
H. M. DUNLAP, ASSISTANT SECRETARY, Savoy.

57 Washington St., Chicago, Ill. Send for Catalogue. P. S. BARTLETT, Wholesale and Retail JEWELER.

ILLINOIS WOOL GROWERS' ASSOCIATION

Will meet on the Fair Grounds, Wednesday and Thursday of Fair Week, at 7 o'clock P.M.

Essays and discussions of interest may be expected. The interest having steadily increased in this Association for several years past, it is expected that this year many more Illinois wool growers will be brought together.

V. P. RICHMOND, SEC'Y, Moro, Ill. A. M. GARLAND, PRES'T, Springfield, Ill.

ILLINOIS SWINE BREEDERS' ASSOCIATION

Will meet at the Secretary's office on the Fair Grounds, on Tuesday of Fair Week at seven o'clock P.M.

Essays and subjects of interest to swine breeders will be discussed, and such business transacted as may properly come before the Association.

CHARLES F. MILLS, PRESIDENT, Springfield, Ill.

J. TABOR MATHER, SECRETARY, Jacksonville Ill.

THIRD ANNUAL MEETING

OF THE

NATIONAL CATTLE GROWERS' CONVENENTION

WILL BE HELD IN THE

EXPOSITION BUILDING, TUESDAY AND WEDNESDAY, NOVEMBER 17 AND 18, 1885,

UNDER THE AUSPICES OF

THE NATIONAL CATTLE GROWERS' ASSOCIATION OF AMERICA.

Prominent speakers have been secured, and all interested in the breeding and feeding of cattle are cordially invited to attend. For programme of the meeting or other information address either of the undersigned.

THOS. STURGIS, SEC'Y, Cheyenne, W. T. D. W. SMITH, PRESIDENT, Bates, Ill.

JOHN CLAY, JR., TREASURER, Chicago.

ILLINOIS FAIRS FOR 1885.

COUNTIES.	PLACE OF FAIR.	TIME.	PRESIDENT.	SECRETARY.
Adams	Camp Point	Aug. 31, Sept. 1, 2, 3, 4.	Geo. W. Dean	Fred Boger
Alexander				
Bond				
Boone	Belvidere	Sept. 1, 2, 3 and 4	George Reed	A. E. Jenner
Brown	Mt. Sterling	Aug. 25, 26, 27, 28	C. M. Dunlap	John McDonnold
Bureau	Princeton	Sept. 15, 16, 17, 18	John Crossmann	M. C. Clark
Calhoun				
Carroll	Mt. Carroll	Sept. 9, 10, 11	E. Bailey	Don R. Frazer
Cass	Virginia	Aug. 18, 19, 20, 21	G. A. Beard	R. Lancaster
Champaign	Champaign	Aug. 25, 26, 27, 28	H. H. Harris	J. W. Booker
Christian	Taylorville	No Fair	John B. Ricks	N. D. Ricks
Clark				
Clay	Flora	Sept. 29th to Oct. 3d	S. Rider	I. H. Smith
Clinton				
Coles				
Cook	State Fair	Sept. 14-19, 1885	John Landrigan	*Charles F. Mills.
Crawford	Robinson	Sept. 29, 30, Oct. 1, 2	P. P. Connett	S. R. Delzell
Cumberland	Toledo	Sept. 16, 17, 18, 19	Chas. G. Jones	G. M. Lemen
DeKalb	Sycamore	Sept. 22d to 25th	Hiram Holcomb	B. F. Wyman
DeWitt	Clinton	Aug. 24th to 25th	Z. D. Cantrall	N. B. Rundle
DeWitt	Farmer City	Sept. 1, 2, 3 and 4	V. S. Lindsay	E. H. Slemmons
Douglas	Tuscola	Oct. 1, 2, 3.	Isaac Casler	A. M. Woody
DuPage	Wheaton	Sept. 8, 9 and 10	Elbert H. Gary	Wm. H. Johnson
Edgar	Paris	Aug. 31 to Sept. 4	Wm. O. Wilson	H. B. Adams
Edwards	Albion	Sept 22d to 25th	John Curtis	Lou L. Emmerson
Effingham	Effingham	No Fair	Wm. Donaldson —	C. A. VanAllen
Fayette	Vandalia	Sept. 29, 30, Oct. 1, 2	O. E. Lovett	Chas. L. Dinges
Ford	Piper City	Sept. 2 and 3	Jos. Burger	H. S. Carpenter
Franklin	Benton	Sept. 22d to 25th	Wm. R. Webb	John W. Hill, Jr.
Fulton	Avon	Sept. 22d to 25th	D. H. Gorham	S. L. Tompkins
Gallatin	Shawneetown	Aug. 25th to 28th	M. M. Pool	Jno. L. Robinson
Greene	Carrollton	Oct. 20, 21, 22, 23	Benj. Roodhouse	N. J. Andrews
Grundy				
Hamilton	McLeansboro	Sept. 22d to 26th	A. A. Lasater	T. B. Stelle
Hancock	Carthage	Sept. 7, 8, 9, 10, 11, 12.	Eli W. Bennett	O. F. Berry
Hardin	Elizabethtown	Aug. 19th to 22d	R. P. Hitherington	L. F. Twitchell
Henderson	Biggsville	Sept. 29, 30, Oct. 1, 2	Thomas G. Richey	R. A. McKinley

*Springfield, Illinois.

57 Washington St., Chicago Ill.
Send for Catalogue.
P. S. BARTLETT, Wholesale and Retail JEWELER.

ILLINOIS FAIRS FOR 1885 — CONTINUED.

COUNTIES.	PLACE OF FAIR.	TIME.	PRESIDENT.	SECRETARY.
Henry	Cambridge	Aug. 31st to Sept. 4th	N. C. Gilbert	R. H. Heinman
Iroquois	Watseka	Sept. 8, 9, 10, 11	Wm. M. Coney	Geo. F. Sherrin
Jackson	Murphysboro	No time fixed	J. R. Mayham	Geo. Kennedy, Jr.
Jackson	Carbondale	Oct. 12th to 16th	J. M. Richart	Saml. T. Brush
Jasper	Newton	Sept. 15, 16, 17, 18	Wm. Johnson	W. E. Barrett
Jefferson	Mt. Vernon	Oct. 14, 15, 16, 17	J. A. Dees	John S. Bogan
Jersey	Jerseyville	Oct. 14, 15, 16	P. D. Cheney	Morris R. Locke
JoDaviess	Warren	Sept. 22, 23, 24, 25	R. Handy	W. L. Gale
JoDaviess	Galena	Sept. 29, 30, Oct. 1, 2	Geo. L. Avery	Frank Bostwick
Johnson				
Kane				
Kankakee	Kankakee	Sept. 22, 23, 24, 25	Milo Barnard	M. Enyart
Kendall	Yorkville	Sept. 1, 2, 3, 4	N. Loucks	E. W. Faxon
Knox	Knoxville	Sept. 7, 8, 9, 10, 11	D. M. Eiker	O. L. Campbell
Lake	Waukegan	Sept. 28th to Oct. 3d		O. H. Heath
Lake	Libertyville	No time fixed	E. W. Parkhurst	F. H. B. McDowell
LaSalle	Mendota	Sept. 7, 8, 9, 10, 11, 12	Wm. Truman	Chas T. Madden
Lawrence				
Lee				
Livingston	Fairbury	Sept. 21, 22, 23, 24, 25	R. C. Straight	Thos. O. McDowell
Logan	Lincoln	Sept. 7th to 11th	A. B. Nicholson	W. D. Duff
Logan	Atlanta	Sept. 1, 2, 3, 4	Ed. Stubblefield	J. P. Hieronymus.
Macon	Decatur		W. W. Foster	C. M. Durfee
Macoupin	Carlinville	Sept. 29th to Oct. 2d	T. L. Loomis	Geo. J. Castle
Madison				
Marion	Centralia	Sept. 14, 15, 16, 17, 18	W. H. Russell	S. A. Frazier
Marshall	Wenona	Sept. 20th to Oct. 2d	S. S. Burgess	Geo. G. McAdam
Mason	Havana	Sept. 29, 30, Oct. 1, 2	J. F. Kelley	S. A. Murdock
Massac	Metropolis	Oct. 14th to 17th	J. C. Willis	T. S. Stone
McDonough	Macomb	Sept. 8, 9, 10, 11	J. B. Vineland	W. H. Hainline
McDonough	Bushnell	No time fixed	J. E. Chandler	J. E. Chandler
McHenry	Marengo	Sept. 22, 23, 24, 25	Lyman A. Sheldon	R. M. Patrick
McHenry	Woodstock	Sept. 8, 9, 10, 11	James Crow	A. S. Wright
McLean	Bloomington	Sept. 8, 9, 10, 11	S. Noble King	A. L. Viney
Menard	Petersburg	No Fair	M. Z. Hudspath	H. A. Wood
Mercer	Aledo	Sept. 22, 23, 24, 25		J. F. Henderson
Monroe				
Montgomery	Hillsboro	Sept. 29, 30, Oct. 1, 2	Jas. M. Truitt	Wm. K. Jackson
Morgan	Jacksonville		W. C. Carter	J. M. Dunlap
Moultrie	Sullivan	Sept. 1st to 4th	J. H. Dunscomb	G. W. Vaughan
Ogle	Rochelle	Sept. 15th to 18th	J. A. Countryman	G. W. Clark
Peoria				
Perry	Pinckneyville	Oct. 6, 7, 8, 9	R. W. S. Wheatley	E. H. Lemen
Piatt	Monticello	Aug. 17th to 21st	J. W. Warner	C. A. Tatman
Pike	Pittsfield	Sept. 8, 9, 10, 11	Wm. Yates	E. F. Binns
Pope	Golconda	Oct. 7, 8, 9 and 10	Wm. King	P. V. Trovillion
Pulaski				
Putnam				
Randolph	Chester	Oct. 20, 21, 22, 23	W. A. Gordon	Thos. Gaunt
Randolph	Sparta	Oct. 14, 15, 16	J. H. Dickey	J. C. Bratney
Richland	Olney	Sept. 8, 9, 10, 11	S. M. Thomson	W. F. Beck
Rock Island	Port Byron	Sept. 8, 9, 10	A. F. Hollister	A. Saddoris
Saline	Eldorado	Sept. 15, 16, 17, 18, 19	John Yost	Jno. W. Ross
Sangamon	Springfield	Sept. 22 to 25		
Schuyler	Rushville	Aug. 18th to 21st	Chas. Bodewald	W. W. Potts
Scott				
Shelby	Shelbyville	Sept. 15, 16, 17, 18, 19	John A. Tackett	Geo. A. Roberts
Stark	Wyoming	Sept. 1st to 4th	W. Scott	T. B. Wall
Stark	Toulon	Sept. 23, 24, 25, 26	Cyrus Bocock	James Nowlan
St. Clair				
Stephenson				
Tazewell	Delavan	Sept 14, 16, 16, 17, 18	A. W. Ball	D. B. Pittsford
Tazewell	Mackinaw	Sept. 8, 9, 10, 11	D. W. Puterbaugh	R. V. Howe
Union	Anna	Sept. 1, 2, 3, 4	Wm. Kratzinger	H. F. Bussey
Union	Jonesboro	Sept. 15th to 18th	D. H. Rendleman	N. B. Maxcy
Vermilion	Hoopeston	Aug. 24, 25, 26, 27, 28	J. A. Cunningham	Dale Wallace
Vermilion	Catlin	Sept. 8, 9, 10, 11	Henry Davis	S. A. McGregor
Vermilion	Danville	Sept. 14, 15, 16, 17, 18	Wm J. Moore	Leslie Davis
Wabash				
Warren	Monmouth	Sept. 8, 9, 10, 11	J. T. Richard	Geo. C. Rankin
Washington				
Wayne				
White	Carmi	Sept. 1st to 5th	Elias Stinnett	Frank E. Pomeroy
Whiteside	Albany	Aug. 25, 26, 27, 28	J. B. Kearns	J. T. Happer
Whiteside	Sterling	Sept. 8th to 11th	Moses Dillon	Alfred Bayliss
Whiteside	Morrison	Sept. 1, 2, 3, 4	C. D. Parker, *V. P.*	J. N. Baird
Will				
Williamson	Marion	Sept. 29 to Oct. 2	M. C. Campbell	W. H. Warder
Winnebago	Rockford	Sept. 8, 9, 10, 11	A. H. VanWil	C. C. Jones
Woodford	El Paso	Sept. 7th to 11th	Samuel Still	Walter Bennett

RAILROAD ARRANGEMENTS.

STATE FAIR 1885.

6Chicago & Alton .....
1Chicago, Rock Island & Pacific.....
1Chicago, Burlington & Quincy .....
2Chicago & Northwestern.....
Chicago & Eastern Illinois.....
Chicago & Iowa .....
1Illinois Central .....
3Wabash St. Louis & Pacific.....
Louisville, New Albany & Chicago.....
2Chicago, Milwaukee & St. Paul.....
§Cincinnati, Indianapolis, St. L. & Chicago.
Chicago, St. Louis & Western.....
4 Peoria, Decatur & Evansville .....

*Passengers one and one-third fare for the round trip. Freight will be charged full fare to Chicago, and must be prepaid, when it will be returned free to points on the line whence shipped, on certificate of Secretary that the same has been on exhibition, and has not changed ownership.

*Passenger Arrangements cover points in Illinois only, unless otherwise stated

Baltimore & Ohio .....
Chicago & Atlantic .....
Chicago & Grand Trunk .....
5Chicago, St. Louis & Pittsburg .....
Lake Shore & Michigan Southern .....
7Michigan Central .....
New York, Chicago & St. Louis.....
5Pittsburgh, Ft. Wayne & Chicago.....

Passengers one fare for the round trip. This passenger rate will be extended no farther east than Cassopolis or Dowagiac, Mich., or Elkhardt or Rochester, Indiana. Freight will be charged full local tariff rates to Chicago, and returned free to points on the line whence shipped, on certificate of the Secretary that the same has been on exhibition and has not changed ownership

1Freight arrangement covers points in Illinois and Iowa.
2Freight arrangement covers points in Illinois, Iowa and Wisconsin.
3Freight arrangement covers all points on its line.
4Freight arrangement covers only points south of Mattoon.
5Excursion tickets will be sold at stations between Chicago and Plymouth on the P., Ft. W. & C. Ry., and between Chicago and Winonac on the C., S. L. & P. Ry. Exhibits will be transported from intermediate points 275 miles distant from Chicago.
6Passenger and freight rates confined to Illinois.
7Passenger and freight rates covers a distance of 275 miles east of St. Louis.
§Passenger rate is from Lafayette and stations north. Freight rule applies to all point on the line.

Freight should be prepaid at the station whence shipped, and a receipted bill taken for the same, which should be CERTIFIED BY THE SECRETARY, ON THE GROUNDS, as early as Thursday of the Fair.

TERMINAL FREIGHT CHARGES.

Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington & Quincy Railroad. The charges for transfer to and from the Fair Grounds will be $2.00 per car each way.

TERMINAL EXPRESS CHARGES.

Brink's Chicago City Express Company, office 65 Washington Street, will receive goods sent by any Express Company to Chicago to their care, and will deliver the same with dispatch at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks or medium sized crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates.

There will be an Agent on the grounds to receive and deliver goods according to directions.

FACILITIES FOR REACHING THE GROUNDS.

The facilities for reaching the Fair Grounds from any part of the city are ample and rapid, and the cost of transportation low.

The Chicago, Burlington & Quincy Railroad will run trains to and from the Fair Grounds as follows: First train will leave the Union Depot, corner Madison and Canal Streets, at 8:30 A.M., and run every half hour until evening. First train will leave the Fair Grounds at 9:15 A.M., and every half hour during the day until 6 P. M. Time from Union Depot to Fair Grounds 25 minutes. Fare 15 cents. These trains run direct to the Club House and Grand Stand.

The Chicago & Northwestern Road will stop all its trains near the Fair Grounds.

The Madison Street cars will convey passengers direct to the Entrance Gate.

The Randolph and Lake Street cars will deliver passengers within three blocks of the Main Entrance Gate.

STATE FAIRS, ETC., 1885.

AMERICAN FAT STOCK AND DAIRY SHOW—Chicago—Nov. 10–19.
CHARLES F. MILLS, Secretary.

CANADA—Toronto—Agricultural and Industrial Exhibition, Sept. 7–19.
H. J. HILL, Secretary.

CANADA—London—Provincial Exhibition, Sept. 7–12.
HENRY WADE, Secretary.

INDIANA—Indianapolis—Sept. 28 to Oct. 3.
ALEX. HERON, Secretary.

IOWA—Des Moines—Sept. 4-11.
JOHN R. SHAFFER, Secretary.

IOWA—Oskaloosa—Aug. 31 to Sept. 4.
PORTER HEDGE, Secretary.

ILLINOIS—State Fair—Chicago, Sept. 14–19.
CHARLES F. MILLS, Secretary.

ILLINOIS—Inter-State Industrial Exposition—Chicago, Sept. 2 to Oct. 17.
JOHN P. REYNOLDS, Secretary.

KANSAS—Topeka—Sept. 14–19.
GEORGE Y. JOHNSON, Secretary.

KANSAS—Lawrence—Sept. 7–12.
R. W. CUNNINGHAM, Secretary.

KENTUCKY—Lexington—Aug. 25–29.
G. W. MUIR, Secretary.

MISSOURI—St. Louis—Oct. 5–10.
FESTUS J. WADE, Secretary.

MONTANA—Helena—Agrl., Mineral and Mech'l Ass'n, Aug. 24–29.
FRANCIS POPE, Secretary.

MINNESOTA—St. Paul—Sept. 7–12.
R. C. JUDSON, Secretary.

MICHIGAN—Kalamazoo—Sept. 14–18.
J. C. STERLING, Secretary.

NEBRASKA—Lincoln—Sept. 11–18.
R. W. FURNAS, Secretary.

NEBRASKA—Omaha—Sept. 4–11.
D. H. WHEELER, Secretary.

OHIO—Columbus—Aug. 31 to Sept. 4.
W. I. CHAMBERLAIN, Secretary.

PENNSYLVANIA—Philadelphia—Sept. 23 to Oct. 7.
D. W. SEILER, Secretary.

SOUTH CAROLINA—Pomaria—Nov. 10–13.
THOMAS W. HOLLOWAY, Secretary.

WISCONSIN—Madison—Sept. 7–11.
CLINTON BABBITT, Secretary.

EIGHTH ANNUAL

AMERICAN FAT STOCK AND DAIRY SHOW.

The Exhibition will be open to the public on Tuesday, November 10, at 9 o'clock A. M., and will continue, day and evening, until the following Thursday, November 19, at 10 P. M.

GENERAL RULES AND REGULATIONS

FOR THE AMERICAN FAT STOCK AND DAIRY SHOW OF 1885.

The exhibition of Horses and the admission of Live Stock for exhibition only or for sale, will be, if at all, only to the extent of the space at the disposition of the Committee of Arrangements, without limiting or incommoding the exhibition of Fat Stock competing for prizes, and no engagement of space for such non competing animals, can be assured before November 1, 1885, after the close of the entries of competing animals.

The Exposition Building will be open for the reception of Stock on Monday, November 9, and until Tuesday night, November 10, 1885.

ENTRIES.

1. Must be made on or before November 1, 1885. by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

2. In all thoroughbred classes, authentic pedigrees must be furnished. Statements showing date of birth, the proportion of improved blood so far as known in each animal exhibited, in lots for grades or crosses, must be furnished at time of entry.

3. The following fees will be charged, and must accompany applications for entries: For each horse, steer, cow, or heifer, $2; for each sheep or hog, $1.

4. Each exhibitor must purchase an *Exhibitor's Ticket* ($1.50) when applying for entries (a firm being regarded as one exhibitor). Only one member of the firm will be admitted to the Building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitor's tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

5. Every animal must be entered for competition in the name of the owner. Only animals awarded first prizes in breed rings are eligible to compete in the sweepstakes rings, and only animals awarded sweepstakes prizes or animals not elsewhere shown are eligible to compete for the Grand Sweepstakes prizes.

6. A card will be furnished the exhibitor, at the time of making entry, specifying the Class, the number of the Lot, and the number of the entry, which card must remain attached to the animal during the exhibition, except in classes C and D, where the card must be attached to the pen.

7. Diligence will be used by the officers of the Board to prevent injury to or loss of property, but they will not be responsible for any damage or loss or injury to person that may occur.

8. In no case shall the gain per day be computed or reported, unless the exact age of the animal shall be verified by the affidavit of the owner or of some creditable party. All statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavit.

9. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges for each class, two of whom, if agreed, shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

10. Committeemen, before entering upon their duties, shall pass a satisfactory examination before the Board as to their qualifications. If, after such examination, the Superintendent becomes satisfied of the incompetency of any committeeman, he shall, without delay, report the fact to the President, who shall convene the committee of arrangements for such action as may be necessary.

11. The judges are instructed to award premiums to such animals as present the greatest weight in the smallest superficies—taking into consideration age, the quality of flesh and its distribution in the most valuable portions of the carcass.

12. Awarding committees are instructed that if they have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.

13. Each award and notice of protest, (if any is made) must be written in a plain, careful manner by the Superintendent, on blank page opposite the entry.

14. The entry books must be returned by the Superintendent of each Department to the Secretary as soon as the awards in each are completed.

15. Great care must be exercised to preserve the Awarding Committees' books and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on authority of these entries *only*.

16. Superintendents will be particular to observe the following.
Blue Ribbons are designed for first premium.
Red Ribbons for second premiums.
White Ribbons for third premiums.

17. Decisions of Awarding Committees shall be final and no appeal will be considered except in case of protest.

18. Objections to a person serving as a member of an Awarding Committee must be submitted to the Superintendent in writing prior to making any award, giving good and sufficient reasons therefor. Superintendents receiving such objections, if deeming them worthy of consideration, shall report the same to the President who, with the Superintendent, shall constitute a committee to fill the vacancy.

19. Any exhibitor attempting to interfere with judges during their adjudications, will be promptly excluded from competition

CONTRACTS FOR LABOR AND MATERIALS.

1. All contracts for labor and material required for the Fat Stock Show, not made by purchasing agent, shall be made in duplicate by the member or committee authorized to make the expenditure, the original copy to be given to the party contracted with and the duplicate to be filed with the Auditing Committee without delay.

COLLECTION OF FUNDS.

1. Officers and members of the Board receiving moneys of the Board must promptly pay the same over to the Treasurer, taking his itemized receipt in duplicate therefor. The party collecting and transfering the funds must forward the duplicate receipt of the Treasurer to the Secretary, who will credit the several accounts with the amounts named.

AUDITING COMMITTEE.

1. All vouchers for expenses incured in connection with the Fat Stock Show must be approved by a majority of the Auditing Committee and then entered in a book kept for that purpose by the Secretary, who will issue an order on the Treasurer for the same in favor of the party furnishing the service or material. Said vouchers must be made in detail and

certified by the member or committee on whose order the service or material was furnished. All bills must be presented to the Auditing Committee within ten days after the close of the Fat Stock Show.

2. *All bills against the State Board of Agriculture must be made in detail;* and all bills contracted during the show, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee before they can be paid by the Treasurer. It shall by the duty of the Auditing Committee to examine into the correctness of all bills presented for payment and the committee shall have full power of investigation and approval as to the quantity, quality and cost of all articles purchased.

SUPERINTENDENTS.

1. The General Superintendent will have charge of the Building and Police and fire extinguishing appliances. He will have an efficient Police force on duty day and night, and will assign such number of policemen to the Superintendents of Departments as they may require.

2. Superintendent of Permits and Privileges will sell privilages for dining halls, stands, etc.

3. Superintendent of Gates and Tickets will have charge of the tickets, gates and ticket-takers.

SUPERINTENDENT OF STALLS AND FORAGE.

1. The Superintendent of Stalls and Forage will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before 8 o'clock A.M., and again between the hours of 5 and 7 P.M., and that the aisles are kept clean during the hours of exhibition.

ADMISSION FEES.

1. Exhibitor's tickets, good during the show, $1.50. Tickets admitting one person once, 25 cents. Tickets admitting children under 12 years of age, 15 cents.

SUPERINTENDENT PURCHASING DEPARTMENT.

1. Will make, on the requisition of Superintendents, any necessary purchases of material (except forage) in connection with the Fat Stock Show.

THE PRESS.

The Press Committee will provide editors and reporters with the necessary permits to the Building, and will assist them, so far as practicable, to such information regarding the Show as may be of interest to the public.

ANIMALS.

1. No animal can be removed until the close of the Exhibition, except for adequate cause, and then only on the written order of the President.

2. Stock must be in the stalls or pens in the Exposition Building, Chicago, as above required, in order that they may be weighed, numbered, and catalogued, previous to the opening of the Show.

3. Cattle must be well halter-broken; and vicious animals will not be admitted to the Building.

4. The animals to be slaughtered will be placed in charge of the Superintendents of the departments in which they are entered, Monday morning of the Show, in order that they may receive the same feed and care until the day of slaughter.

5. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

6. The Superintendent may exclude stock from competition, should there be any unnecessary delay on the part of exhibitors in bringing animals into the Show Ring.

7. The animals for slaughter will be killed, dressed and weighed under direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor and subject to owner's risk as to condition. The offal to be sold to the higest bidder and the proceeds to be paid to the respective owners.

8. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.

9. Animals entered for competition in Class A—Cattle—will be examined as to age by a committee consisting of an experienced and practical Veterinary Surgeon and two practical and experienced feeders.

10. Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Fat Stock Show of 1885 will be excluded from the Exposition Building.

AWARDING COMMITTEES.

1. Each Awarding Committee will consist of three persons.

2. Awarding Committees will commence examinations on Wednesday, November 11, at 9 o'clock A. M., and continue until awards are completed.

3. No person shall act as judge in any lot in which he may be interested as an exhibitor, the agent or employe of an exhibitor, or otherwise.

4. No animal deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition. In case of no competition, the awarding committee may award any grade of premium, according to the merit of the animal or article.

5. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination of the animal or article protested, and a written statement setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the notice is given. Provided, that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee.

6. In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In cases of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement together with all obtainable evidence, shall be presented on the final consideration of the question at issue. In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner within the scope of the power of the Board, as may from the evidence relating thereto be deemed just and proper.

7. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition

8. The judges will report only upon the animals entitled to premiums in the regular list, and authorized special or individual prizes, which, in all cases, must be duplicates of regular premiums as to the classification.

9. Judges, in making awards, will consider only animals in good condition for slaughter, and awards of premiums, in regular rings shall carry the corresponding special premiums offered thereon.

CLASS A—Cattle.

LA FAYETTE FUNK, Superintendent Beef Breeds.

JOHN P. REYNOLDS, Superintendent Dairy Breeds.

The Exposition Building will be open for the reception of Stock on Monday, the 9th day of November, 1885. Cattle must be in their stalls in the exposition Building, Chicago, not later than Monday, November 9th, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Stock must be well halter broken, and vicious animals will not be admitted to the building, or, if admitted, will be removed.

SPECIAL RULES.

1. All animals entered for competition in this class will be examined by a committee appointed by the President, and consisting of one experienced, practicing veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, *prior to the time fixed for the commencement of work by the awarding committee of this class*; and all questions, discrepancies and protests, founded upon or arising out allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the awarding committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each animal will be $2 00, and must accompany the application for entry. Each exhibitor must purchase an exhibitors ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butchers' stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc , must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at the time of entry. Statements showing date of birth, the proportion of improved blood, so far as known, in each animal exhibited in lots for grades or crosses, must be furnished at time of entry. Steers and Spayed Heifers compete together. Barren Cows or Heifers or Free Martins not eligible to competition.

6. Only animals awarded first prizes in Lots 1,2,3 4.5,6,7, and 8 are entitled to compete in the sweepstakes ring, Lot 9, and only animals awarded sweepstakes prizes in Lot 9, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize, Lot 10. Animals awarded sweepstakes prize in Lot 9, and the Grand Sweepstakes prize in Lot 10, will be slaughtered in competition for the prizes in Lot 12. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7 Animals competing for premiums in Lot 15, Heaviest Fat Steer, may be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. Cattle shown in Lot 11, Pen of Cattle, to weigh at the Exposition Building as follows; Steers three and under four years, not less than 1,800 pounds each; steers two and under three years, not less than 1,500 pounds each; steers one and under two years, not less than 1,000 pounds each.

9. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

10. Animals originally entered for competition in Lots 12 and 13—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 10, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

Beef Breeds—Cattle.

LAFAYETTE FUNK, Superintendent.

Lot 1—Short-Horns.

1	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
2	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
3	Best Steer or Speyed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
4	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10.00

Lot 2—Herefords.

5	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
6	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
7	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
8	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 3—Devons.

9	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
10	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
11	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
12	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 4—Aberdeen-Angus or Galloways.

13	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
14	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
15	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
16	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 5—Holstein or Friesian.

17	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
18	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
19	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
20	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 6—Grades or Crosses.

21	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
22	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
23	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
24	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 7—Range Cattle.

25	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
26	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
27	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
28	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 8—All Breeds and Grades by Ages.

29	Best Steer or Spayed Cow 3 and under 4 years	$50 00
30	Best Steer or Spayed Heifer 2 and under 3 years	50 00
31	Best Steer or Spayed Heifer 1 and under 2 years	50 00

32 Best Steer or Spayed Heifer under 1 year old 50 00

Lot 9—Sweepstakes.

33 Best animal shown in Lot 1, Short-Horns $75 00
34 Best animal shown in Lot 2, Herefords 75 00
35 Best animal shown in Lot 3, Devons 75 00
36 Best animal shown in Lot 4, Aberdeen-Angus or Galloways 75 00
37 Best animal shown in Lot 5, Holstein or Friesian 75 00
38 Best animal shown in Lot 6, Grades or Crosses 75 00
39 Best animal shown in Lot 7, Range Cattle 75 00

Lot 10—Grand Sweepstakes.

40 Best Steer, Cow or Spayed Heifer in the Show $100 00

Lot 11—Pen of Cattle.

41 Best 5 Steers or Spayed Cows 3 and under 4 years $150 00
Second best 75 00
42 Best 5 Steers or Spayed Heifers 2 and under 3 years 150 00
Second best 75 00
43 Best 5 Steers or Spayed Heifers 1 and under 2 years 150 00
Second best 75 00
44 Best 5 Steers or Spayed Heifers under 1 year 150 00
Second best 75 00

Lot 12—Dressed Carcass.

45 Best Carcass of Steer or Spayed Cow 3 and under 4 years ... $75 00
46 Best Carcass of Steer or Spayed Heifer 2 and under 3 years .. 75 00
47 Best Carcass of Steer or Spayed Heifer 1 and under 2 years 75 00

Lot 13—Carcass Prizes.

48 Carcass furnishing the largest per cent. of edible meat $75 00
49 Carcass furnishing the largest per cent. of netto gross weight 75 00

Lot 14—Dressed Carcass—Sweepstakes.

Only animals awarded first prizes in Lot 12 will be entitled to compete in this lot.

50 Best Carcass of Steer or Spayed Heifer of any age $100 00

Lot 15—Heaviest Fat Steer.

Open to all ages

51 First premium $75 00
Second premium 50 00
Third premium 25 00

Lot 16—Gain Per Day.

Steer or Spayed Heifer showing the greatest average gain per day, including weight at birth.

52 Best Steer or Spayed Cow 3 and under 4 years $50 00
Second best 25 00
53 Best Steer or Spayed Heifer 2 and under 3 years 50 00
Second best 25 00
54 Best Steer or Spayed Heifer 1 and under 2 years 50 00
Second best 25 00
55 Best Steer or Spayed Heifer under 1 year old 50 00
Second best 25 00

Lot 17—Cost of Production.

Entries to be made on prescribed form and verified by affidavit.

56 Best Steer or Spayed Cow 3 and under 4 years $65 00
Second best 35 00
57 Best Steer or Spayed Heifer 2 and under 3 years 65 00
Second best 35 00
58 Best Steer or Spayed Heifer 1 and under 2 years 65 00
Second best 35 00
59 Best Steer or Spayed Heifer under 1 year old 65 00
Second best 35 00

Dairy Breeds—Cattle.

JOHN P. REYNOLDS, Superintendent.

Lot 18—Holstein or Friesian.

60 Best Bull 3 years old or over $125 00
61 Best Cow 3 years old or over 100 00
Second best 50 00
Third best 25 00

Lot 19—Ayrshires.

62 Best Bull 3 years old or over $125 00
63 Best Cow 3 years old or over 100 00
Second best 50 00
Third best 25 00

Lot 20—Jerseys.

64 Best Bull 3 years old or over $125 00
65 Best Cow 3 years old or over 100 00
Second best 50 00
Third best 25 00

Lot 21—Other Pure Dairy Breeds.

66 Best Bull 3 years old or over $50 00
67 Best Cow 3 years old or over 50 00

COST OF PRODUCTION.

FORM OF APPLICATION FOR ENTRY.

Secretary State Board of Agriculture:

I hereby make application to enter the following described animal in Lot 17—Cost of Production—and give items of cost and other particulars below:

Name ..... P. O.....

PEDIGREE.

Name .....
Herd Book No..... Color, etc.....
Date of Birth.....
Bred by..... of.....
Got by.....
1 dam..... ..... " .....
2 dam..... " .....
3 dam..... " .....

COST OF PRODUCTION—FIRST YEAR.

Value of calf at birth	$...
Quantity and value of milk consumed.. No. of galls ..... Price per gall	....
*Quantity and value of grain, meal and feed of each kind other than hay, forage and pasturage consumed during the first twelve months, as follows:	
.....lbs. of.....@ .....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@ .... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage (except pasture) consumed first twelve months, as follows:	
.....lbs. of.....@ ....per 100 lbs.	....
..... " .....@ ..... "	....
..... " .....@..... "	....
..... " .....@ ..... "	....
‡Value of grass consumed in pastures up to 12 months of age.	....
Expense for care, feeding, salting, etc., up to 12 months of age.	....
§Other expenses for food, etc., up to 12 months of age not named above, as follows:	
....	....
Total cost of production up to twelve months of age.....	....

Weight of animal at twelve months of age, ...lbs.

Value of animal at twelve months of age, $..
What kinds and how much other food than milk and pasturage was given to the calf daily while sucking?..... .....
At what age was the calf weaned?.....
Was the calf allowed to run with dam until weaned?..... .....
Is a daily allowance of grain for yearling steers, when on grass, profitable?.....

COST OF PRODUCTION—SECOND YEAR.

ANIMAL ONE AND UNDER TWO YEARS OLD.

Weight of animal at twelve months of age, ...lbs.

Value of animal at 12 months of age....	$...
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age to November 10, 1885, as follows:	
.....lbs. of.....@..... per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
..... " .....@..... "	....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age to 24 months of age, as follows:	
.....lbs. of.....@..... per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to November 10, 1885, as follows:	
.....lbs. of .....@.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to 24	
.....lbs. of.....@.....per 100 lbs	....
..... " .....@..... "	....
..... " .....@..... "	....

‡Value of grass consumed in pasture from 12 months of age to November 10, 1885 ....
‡Value of grass consumed in pasture from 12 months of age to 24 months of age ....
Expense for care, feeding, salting, etc., from 12 months of age to November 10, 1885. ....
Expense for care, feeding, salting, etc., from 12 months of age to 24 months of age ....
§Other expenses for food, etc , not named above, from 12 months of age to November 10, 1885, as follows:
....
§Other expenses for food, etc., not named above, from 12 months of age up to 24 months of age, as follows:
....
Total cost of production from 12 months of age to November 10, 1885 ....
Total cost of production from 12 months of age up to 24 months of age ....
Weight of animal Nov. 10, 1885.....lbs.
Weight of animal at 24 mos.....lbs.
Value of animal Nov. 10, 1885, $6 per 100
Value of animal at 24 mos.....$6 per 100

REMARKS.

Was the animal stabled or sheltered during the winter?.....
Was the animal allowed range of pasture during the winter? .. ..
Daily allowance of grain?.....

COST OF PRODUCTION—THIRD YEAR.

ANIMAL TWO AND UNDER THREE YEARS OF AGE.

Weight of animal at 24 months of age, ...lbs.

Value of animal at 24 months of age.... $...
*Quality, kind and value of grain, meal and feed of each kind other than hay forage and pasture, consumed from 24 months of age to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs. ....
..... " .....@..... " ....
..... " .....@..... " ....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age to 36 months of age:
.....lbs. of.. .....@.....per 100 lbs. ....
..... " .....@..... " ....
..... " .....@..... " ....
†Quantity, kind and value of hay and other forage, except pasturage, consumed from 24 months of age up to November 10, 1885, as follows:
.....lbs. of .....@.....per 100 lbs. ....
..... " .....@..... " ....
..... " .....@..... " ....
†Quantity, kind and value of hay and other forage except pasture, consumed from 24 months of age to 36 months of age:
.....lbs. of.....@.....per 100 lbs ....
..... " .....@..... " ....
..... " .....@..... " ....

‡Value of grass consumed in pasture from 24 months of age to November 10, 1885.....
‡Value of grass consumed in pasture from 24 months of age up to 36 months of age .....
Expense for care, feeding, salting, etc., from 24 months of age to November 10, 1885 .....
Expense for care, feeding, salting, etc., from 24 months of age up to 36 months of age .....
§Other expenses not named above, from 24 months of age to November 10, 1885, as follows:
.....
§Other expenses not named above, from 24 months of age up to 36 months of age, as follows:
.....
Total cost of production from 24 months of age to November 10, 1885.....
Total cost of production from 24 months of age up to 36 months of age.....
Weight of animal Nov. 10, 1885.....
Weight of animal 36 months of age.....
Value of animal Nov. 10, 1885..$6 per 100
Value of animal 36 mos. of age, $6 per 100

REMARKS.

Was the animal stabled or sheltered during winter?.....
Was the animal allowed range of pasture during winter? .....
Daily allowence of grain?.....

COST OF PRODUCTION FOR PART OF FOURTH YEAR.

ANIMAL THREE AND UNDER FOUR YEARS.

Weight of animal at 36 months of age lbs .....
Value of animal at 36 months of age at $6.00 per 100 .....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 36 months of age to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs. ....
..... " .....@..... " ....
..... " .....@..... " ....
†Quantity and value of hay and other forage (except pasture) consumed from 36 months of age to November 10, 1885.
.... lbs. of.....@ . . per 100 lbs. ....
..... " .....@..... " ....
..... " .....@..... " ....
‡Value of grass consumed in pasture from 36 months of age to November 10, 1885.... ....
Expense for care, feeding, salting, etc., from 36 months of age to November 10, 1885 .....
§Other expenses not named above, from 36 months of age to November 10, 1885, as follows:
.....
Total cost of production from 36 months of age to November 10, 1885 .....
Weight of animal Nov. 10, 1885 .....lbs.
Value of animal Nov. 10, 1885..$6 per 100

REMARKS.

Was the animal stabled or sheltered during winter?.....
Was the animal allowed range of pasture during winter?.....
Daily allowance of grain?.....

RECAPITULATION.

Cost of production—	
At 12 months of age.....	....
November 10, 1885, (steer 1 and under 2)	....
At 24 months of age.....	....
November 10, 1885, (steer 2 and under 3)	...
At 36 months of age.....	....
November 10, 1885, (steer 3 and under 4)	....
Total	$...

On this.....day of November, 1885 personally appeared before me.....who being duly sworn, says that the above statement is true.

[SEAL] .....N. P.

*State, separately, amount of corn, oats, linseed or other meal, grain, roots, etc., whether ground, steamed or otherwise specially prepared; price of each per 100 pounds.

†State, separately, amount of timothy, clover, millet, prairie or other hay, and price of each per ton; also whether cut or otherwise specially prepared.

‡State kind of pasture--blue grass, timothy, clover, or otherwise.

§Specify kind, amount and value of each of the several kinds of food.

Blanks for Cost of Production furnished on application.

CLASS B—Horses.

E. C. LEWIS, Superintendent Light Horses.

DAVID GORE, Sfperintendent Draft Horses.

The Exposition Building will be open for the reception of Stock on Monday, the 9th, day of November, 1885.

The exhibition of Horses and the admission of live stock for exhibition only or for sale, will be, if at all, only to the extent of the space at the disposition of the committee of arrangements, without limiting or incommoding the exhibition of Fat or Dairy Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1885, after the close of the entries of competing animals.

ENTRIES.

1. Must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications, on which to specify exhibitor's name and address, with description of animal offered.

2. In all classes authentic pedigrees must be furnished.

3. The following fee will be charged, and must accompany applications for entries. For each horse, $2.00.

4. Each exhibitor must purchase an exhibitor's ticket ($1.50), when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket.

No exhibitor will be permitted to show more than ten horses, unless additional stalls are constructed and at the disposal of the Superintendent of Stalls.

See list of Special Premiums for Horses published elsewhere.

CLASS C—Sheep.

D. W. VITTUM, Jr., Superintendent.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November. 1885. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building, or if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify the exhibitor's name and address, with age and description of the animal offered.

3. The fee for each sheep will be $1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket, ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butchers' stock only will be eligible to compete for premiums, and animals that are to be used for breeding purposes, and animals whose fleeces have been artificially colored, will be excluded from competition.

5. All statements of fact required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 25, 26, 27, 28, 29, 30, 31 and 32 are entitled to compete in the sweepstakes ring, Lot 35, and only animals awarded sweepstakes prizes in Lot 35 or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize in Lot 36. Animals awarded sweepstakes prizes in Lot 35, and the Grand Sweepstakes prize on Lot 36, will be slaughtered in competition for the prizes in Lot 39. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 37, Heaviest Fat Sheep, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, without consultation. The awarding committee shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium, also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 39--Carcasses--will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 36, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners.

12. Preemium animals only will be measured.

MIDDLE WOOLS

Lot 25—Southdown.

77	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
78	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
79	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 26—Shropshire.

80	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
81	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
82	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 27—Hampshire.

83	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
84	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
85	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 28—Oxford.

86	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
87	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
88	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 29—Cotswold.

89	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
90	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
91	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 30—Leicester.

92	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
93	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
94	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 31—Lincoln.

95	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
96	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
97	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 32—Grades or Crosses.

98	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
99	Best Wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
100	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 33—Pure Bred Middle Wools, by Ages.

101	Best Wether over 2 years old	$50 00
102	Best Wether 1 and under 2 years	50 00
103	Best Wether under 1 year old	25 00

Lot 34—Pure Bred Long Wools, by Ages.

104	Best Wether over 2 years old	$50 00
105	Best Wether 1 and under 2 years	50 00
106	Best Wether under 1 year	25 00

Lot 35—Sweepstakes.

107	Best Wether over 2 years old	$50 00
108	Best Wether 1 and under 2 years	50 00
109	Best Wether under 1 year	25 00

Lot 36—Grand Sweepstakes.

110	Best Wether in show	$50 00

Lot 37—Heaviest Fat Sheep.

Open to all

111	Heaviest Wether, any age	$25 00

Lot 38—Pen Wethers.

112	Best 5 fat Wethers 2 and under 3	$50 00
113	Best 5 fat Wethers under 2 years	50 00

Lot 39—Dressed Carcass.

Not less than two entries will be considered in each ring.

114	Best Carcass Wether over 2 years old	$25 00
115	Best Carcass Wether 1 and under 2 years	25 00
116	Best Carcass Wether under 1 year	25 00

Lot 40—Dressed Carcass—Sweepstakes.

117	Best Carcass Wether any age	$25 00

Lot 41—Gain Per Day.

118	Wether showing greatest average gain per day including weight at birth. Entries to be accompanied by affidavit, giving exact age	$50 00

Lot 42—Cost of Production.

Entries to be made on the prescribed form and verified by affidavit.

119	Wether over 2 years old, produced at the least cost per pound live weight	$50 00

CLASS D—Swine.

E. B. DAVID, Superintendent.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building, or, if admitted, will be removed.

2. Entries must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of animal offered.

3. The fee for each hog will be $1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butchers' stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees, or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 43, 44, 45, 46, 47, 48, 49 and 50 are entitled to compete in the sweepstakes rings, Lot 52, and only animals awarded sweepstakes prizes in Lot 52, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize Lot 53. Animals awarded sweepstakes prizes in Lot 52, and the Grand Sweepstakes prize in Lot 53, will be slaughtered in competition for prizes in Lot 56. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 54, Heaviest Fat Hog, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committee shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lot 56—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 53, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder, and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

Lot 43—Berkshire.

120	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
121	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 44—Poland China.

122	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
123	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 45—Chester White.

124 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
125 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 46—Essex.

126 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
127 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 47—Duroc Jersey Red.

128 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
129 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 48—Yorkshire and Suffolk.

130 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
131 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 49—Victoria.

132 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
133 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 50—Grades or Crosses.

134 Best Barrow 12 and under 18 months $20 00
Second best 15 00
Third best 10 00
135 Best Barrow under 1 year 20 00
Second best 15 00
Third best 10 00

Lot 51—All Breeds and Grades by Ages.

136 Best Barrow 12 and under 18 months $25 00
137 Best Barrow under 1 year 25 00

Lot 52—Sweepstakes.

138 Best Barrow shown in Lot 43—Birkshire $25 00
139 Best Barrow shown in Lot 44—Poland China 25 00
140 Best Barrow shown in Lot 45—Chester White 25 00
141 Best Barrow shown in Lot 46—Essex 25 00
142 Best Barrow shown in Lot 47—Duroc Jersey Red 25 00
143 Best Barrow shown in Lot 48—Yorkshire and Suffolk 25 00
144 Best Barrow shown in Lot 49—Victoria 25 00
145 Best Barrow shown in Lot 50—Grades or Crosses 25 00

Lot 53—Grand Sweepstakes.

146 Best Barrow in the Show $50 00

Lot 54—Heaviest Fat Hog.

Open to all.

147 Heaviest Barrow of any age $25 00

Lot 55—Pen Barrows.

148 Best 5 fat Barrows 12 and under 18 months $75 00
149 Best 5 fat Barrows under 1 year .. 75 00

Lot 56—Dressed Carcass.

Not less than two entries will be considered in each ring.

150 Best Carcass of Barrow 12 and under 18 months $25 00
151 Best Carcass of Barrow under 1 year old 25 00

Lot 57—Gain Per Day.

152 Barrow showing largest average gain per day including weight at birth. Entries to be accompanied by affidavit giving exact age $25 00

Lot 58—Cost of Production.

Entries to be made on the prescribed form and verified by affidavit.

153 Barrow 12 and under 18 months, produced at the least cost per pound, live weight $25 00

CLASS N—Dairy Department.

E. E. CHESTER, Superintendent.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned. Entries must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish necessary blanks.

2. No premiums will be offered for Dairy utensils, but every facility afforded for exhibition.

3. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitor's tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

4. Articles on exhibition cannot be removed until the close of the Show.

5. Awards will be made by an expert, with the following scale of points: Butter—Flavor 40, grain 30, color 15, salting 10, style of package 5; total 100. Cheese—Flavor 30, quality 30, texture 20, color 10, salting 10; total 100.

6. All statements of facts required of exhibitors must be in writing and forwarded with the application for entry.

7. Each entry in Lots 59, 60, 61 and 62 must be accompanied by a statement of time, place and mode of manufacture.

Lot 59—Butter.

154	Best two packages of not less than 50 pounds each of Creamery Butter made in May or June	$25 00
	Second best	15 00
	Third best	10 00
155	Best two packages of not less than 50 pounds each of Creamery Butter made at any time	25 00
	Second best	15 00
	Third best	10 00
156	Best package of not less than 20 pounds Dairy Butter made at any time	25 00
	Second best	15 00
	Third best	10 00
157	Best five prints or rolls of not more than one pound each	15 00
	Second best	10 00
158	Best sample Granulated Butter shown in glass	10 00
	Second best	5 00
159	Best sample of Butter of not less five pounds made from the milk of one cow	10 00
	Second best	5 00
160	Best exhibit of Fancy Print Butter in shipping case for home market	10 00
	Second best	5 00

Best sample of not less than five pounds of Butter made from the milk of one recorded cow of each of the following breeds:

161	Jersey Butter	$5 00
162	Guernsey Butter	5 00
163	Ayrshire Butter	5 00
164	Holstein or Friesian Butter	5 00
165	Devon Butter	5 00
166	Short-Horn Butter	5 00
167	Hereford Butter	5 00
168	Angus or Galloway Butter	5 00
169	Best sample Milk (from one recorded cow of any of the above named breeds) produced in 24 hours, from which the greatest amount of butter is obtained	10 00
	Second best	5 00
170	Best 10 pounds of Butter made in the Exposition Building during the Show	10 00
	Second best	5 00
171	Best packages of Butter of not less than 50 pounds, the premium to be divided *pro rata* among all the entries scoring 85 or more points, in proportion to the amount each may score	200 00
172	Best and largest display of Butter by one manufacturer	50 00
173	Best package of Butter of not less than 50 pounds	50 00

Lot 60—Special Prizes offered by Citizens of Chicago.

Best package of Butter of not less than 50 pounds, made in each of the following States:

174	Package Butter made in Illinois	$10 00
175	Package Butter made in Indiana	10 00
176	Package Butter made in Iowa	10 00
177	Package Butter made in Michigan	10 00
178	Package Butter made in Minnesota	10 00
179	Package Butter made in Wisconsin	10 00
180	Package Butter made in Nebraska	10 00
181	Package Butter made in Kansas	10 00
182	Package Butter made in Ohio	10 00
183	Package Butter made in Canada or any State not named above	10 00

Lot 61—Cheese.

184	Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made in May or June	$25 00
	Second best	15 00
	Third best	10 00
185	Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made at any time	25 00
	Second best	15 00
	Third best	10 00
186	Best three cases of Cheese, flat, of not less than 30 pounds each, made at any time	25 00
	Second best	15 00
	Third best	10 00
187	Best case Young America Cheese	15 00
	Second best	10 00
188	Best 20 pounds Limburger Cheese in foil	15 00
	Second best	10 00
189	Best case Switzer Cheese	15 00
	Second best	10 00
190	Best case Full Cream Cheese, any other variety, American manufacture	15 00
	Second best	10 00
191	Best and largest display of Cheese by one manufacturer	50 00
192	Best three cases of Cheese, the premium to be divided *pro rata* among all the entries scoring 85 or more points, in proportion to the amount each may score	200 00
193	Best lot Cheese, not less than 50 pounds	50 00
194	Best and largest display of Butter and Cheese by a dealer	50 00

Lot 62—Special Prizes offered by Citizens of Chicago.

Best lot of Cheese of not less than 50 pounds made in each of the following States:

195	Cheese made in Illinois	$10 00
196	Cheese made in Indiana	10 00
197	Cheese made in Iowa	10 00
198	Cheese made in Michigan	10 00
199	Cheese made in Minnesota	10 00
200	Cheese made in Wisconsin	10 00
201	Cheese made in Nebraska	10 00
202	Cheese made in Kansas	10 00
203	Cheese made in Ohio	10 00
204	Cheese made in Canada or any State not named above	10 00

Dairy Implements.

Lot 63—Butter-making Utensils.

205 Revolving Churn.

206 Churn with Masher or Float.
207 Factory Churn.
208 Power Butter-Worker.
209 Butter-Worker for Farm Dairies.
210 Butter Tray and Board.
211 Butter Ladle.
212 Butter Mould.
213 Butter Stamp.
214 Butter Printer.
215 Best general display of Utensils for Butter-making.....Diploma

Lot 64—Cheese-making Utensils.

216 Cheese Press.
217 Cheese Vat.
218 Curd Mill.
219 Currying Can.
220 Set of Scales.
221 Milk Pail.
222 Machine for making Cheese Boxes.
223 Tin or Metal Cans for Dairy Use.
224 Best general display of Utensils for Cheese-making.. .....Diploma

Lot 65—Cream-raising Utensils.

225 Cans for gathered Cream.
226 Carrying Can for Cream.
227 Display Cans or Creamers for Dairy Use.
228 Display Cream Extractors ..... S. M.

Lot 66—Machinery for Dairy Use.

229 Best display Engine and Boiler, complete..... Dip.
230 Engines.
231 Boilers.
232 Horse Powers.
233 Dog or Animal Powers.
234 Wagon or Device for transporting Cream from Farm to the Creamery.
235 Device for attaching Wind-Mill to the Churn.
236 Motor for Dairy or Creamery Use.

Lot 67—Butter and Cheese Packages.

237 Display Butter Tubs.
238 Display Firkins and Half-Firkins.
239 Display Butter Pails.
240 Display Butter Tubs, other than oak, ash or spruce.
241 Display Shipping Boxes for Print Butter.
242 Display Cheese Boxes.
243 Display Fancy Packages.
244 Display Metal Packages.
245 Display Shipping Cans for Print Butter.
246 Display Refrigerators for storing Butter.
247 Display of Butter Color.
248 Best Refrigerator Car..... Dip.
249 Most artistic display of Dairy Salt..... Dip.

SPECIAL PREMIUMS FOR THE AMERICAN FAT STOCK AND DAIRY SHOW FOR 1885.

CLASS A—Cattle.

Lot 2—Herefords.

The American Hereford Cattle Breeders' Association will duplicate premiums awarded pure bred Hereford and Grade Hereford Cattle exhibited at the Eighth American Fat Show and Dairy Show, and in addition offer the following:

BREEDERS' RING.

Bred and owned by Exhibitor.

5 Best Hereford Steer or Spayed Heifer 3 and under 4.....$30 00
Second best 20 00
Third best 10 00
6 Best Hereford Steer or Spayed Heifer 2 and under 3..... 30 00
Second best 20 00
Third best 10 00
7 Best Hereford Steer or Spayed Heifer 1 and under 2. ..... 30 00
Second best 20 00
Third best 10 00

GRADES BY HEREFORD BULL.

Best Grade Steer or Spayed Heifer 3 and under 4.....$30 00
Second best 20 00
Third best 10 00
Best Grade Steer or Spayed Heifer 2 and under 3..... 30 00
Second best 20 00
Third best..... 10 00
Best Grade Steer or Spayed Heifer 1 and under 2..... ..... 30 00
Second best 20 00
Third best..... ..... 10 00

Lot 4—Aberdeen-Angus.

The American Aberdeen-Angus Association will duplicate premiums awarded Aberdeen Cattle or their Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 5—Holstein Friesian.

The Holstein Friesian Association of America will duplicate premiums awarded pure bred Holstein Friesian Cattle or Holstein Friesian Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 8—All Breeds and Grades, by Ages.

29 Best Steer or Spayed Cow 3 and under 4 years, The W. W. Kimball Company, Chicago, offer Parlor Organ, valued at $275 00
30 Best Steer or Spayed Heifer 2 and under 3 years, Fairbanks, Morse & Co., Chicago, offer one Fourton Scale with Double Beam and Weigh Box, valued at..... 170 00
31 Best Steer or Spayed Heifer 1 and under 2 years, H. C. Staver Implement Co., Chicago, offer a New Buckeye Feed Mill, valued at..... 80 00

32 Best Steer or Spayed Heifer under 1 year, G. D. Colton & Co., Galesburg, Ill., offer a Colton's "New Deal" Rotary Corn Planter and Check Rower combined, value.. 70 00

Lot 11—Pen of Cattle.

41 Best five Steers or Spayed Cows 3 and under 4 years, Marshall Field & Co., Chicago, cash $100 00
42 Best five Steers or Spayed Heifers 2 and under 3 years, Marshall Field & Co., Chicago, cash..... 100 00
43 Best five Steers or Spayed Heifers 1 and under 2 years, Marshall Field & Co., Chicago, cash 100 00

Lot 9—Sweepstakes.

Thorley Food Company, 39 Franklin Street, Chicago, offer premiums as follows:

33 Best animal shown in Lot 1, Short-Horns, 50 pounds Thorley Food, value..... $7 50
34 Best animal shown in Lot 2, Herefords, 50 pounds Thorley Food, value..... 7 50
35 Best animal shown in Lot 3, Devons, 50 pounds Thorley Food, value..... 7 50
36 Best animal shown in Lot 4, Aberdeen-Angus or Galloway, 50 pounds Thorley Food, value ... 7 50
37 Best animal shown in Lot 5, Holstein Friesian, 50 pounds Thorley food, value..... 7 50
38 Best animal shown in Lot 6, Grades or Crosses, 50 pounds Thorley Food, value..... 7 50
39 Best animal shown in Lot 7, Range Cattle, 50 pounds Thorley Food, value..... 7 50

Lot 10—Grand Sweepstakes.

40 Best Steer or Cow in the Show bred and raised by exhibitor, J. H. Sanders & Co., of Chicago, offer the *Breeders' Gazette* Challenge Gold Medal, valued at....$125 00

This medal to be won two years in succession or any three years by the same person before it becomes his absolute property.

Lot 12—Dressed Carcass.

Thorley Food Company, 39 Franklin Street, Chicago, offer premiums as follows:

45 Best Carcass Steer or Spayed Cow 3 and under 4 years, 50 pounds Thorley Food, value..... $7 50
46 Best Carcass of Steer or Spayed Heifer 2 and under 3 years, 50 pounds Thorley Food, value..... 7 50
47 Best Carcass of Steer or Spayed Heifer 1 and under 2 years, 50 pounds Thorley Food, value..... 7 50

CLASS B—Horses.

The following prizes have been donated by the manufacturers, to encourage the exhibition of Horses, but have been designated by the Committee of the Board of Agriculture to the different breeds.

Lot 22—Norman-Percheron.

STUD PRIZE.

I. L. Ellwood, DeKalb, Illnois, offers for five best French Draft Stallions over 2 years old, imported in 1885, owned by one party, with or without certificate of registry in France.$100 00
Best Stallion 3 years old or over, Studebaker Bros. Mfg. Co., South Bend, Ind., offer a Studebaker Farm Wagon, complete, value..... 125 00

Lot 23—Clydesdale.

Best Stallion 3 years old or over, David Bradley Mfg. Co., Chicago, offer Swing Beam Sulky Plow, valued at..... $60 00
Best Stallion 2 and under 3 years old, Walter A. Wood Mowing and Reaping Machine Co., Chicago, offer one Iron-Cased Mower, value 75 00

Lot 24—English Shire.

Best Stallion 3 years old or over Schuttler & Hotz, Chicago, offer an entirely new style of Self-dumping Farm Cart with 3¼ inch patent steel skeins; wheels 4 ft. 8 in. high, tire 1½ in. wide; with a convertible dash that can be used as a seat, and a mechanical dumping arrangement that lifts the tail-board up out of the way in the act of dumping—a totally new and original device, that will please every farmer and stockman valued at..... 75 00
Best Stallion 2 and under 3 years old, Garfield Mfg. Co., Chicago, offer a handsomely ornamented Bridle, Circingle and Blanket, value..... 25 00

Best Roadster, Mare or Gelding.

Abbott Buggy Company, of Chicago, offer a Perry Road Cart, awarded Gold Medal at World's Fair, New Orleans, value.....$100 00
Best pair Roadster Mares, Geldings or Stallions, owned at the time of exhibition by a farmer or breeder who bred and raised the team, McCormick Harvesting Manufacturing Company, of Chicago, offer an Iron Mower, value 75 00
Best pair Carriage Horses, Mares or Geldings, J. M. W. Jones, Chicago, offers Letter Press and Stand, value 25 00
Best Saddle Horse, The Kent Publishing Co., 70 Monroe Street, Chicago, offer a Gold-Mounted Riding Whip, value 20 00
Best Saddle Horse, the P. Hayden Saddlery Hardware Co., 45 and 47 Lake Street, Chicago, offer one Gentleman's Riding Saddle, value. 25 00
Best Shetland Pony, The Meriden Brittania Co., A. S. Sercomb, Manager, Chicago, offer Silver Cup, value..... 25 00
Best Saddle Pony, L. Adams & Co., Clothiers, Cor. Clark and Adams St., Chicago, offer Solid Silver Cup, value..... 15 00

CLASS C—Sheep.

Lot 38—Pen Wethers.

112 Best 5 Fat Wethers over 2 years old, Marshall Field & Co. Chicago, cash.....$100 00

Lot 35—Sweepstakes.

The Thorley Food Co., 39 Franklin Street, Chicago, offer premiums as follows:

107 Best Wether over 2 years old, 25 pounds Thorley Food, value.. $4 00
108 Best Wether 1 and under 2 years old, 25 pounds Thorley Food, value..... 4 00
109 Best Wether under 1 year old, 25 pounds Thorley Food, value... 4 00

CLASS D—Swine.

Lot 52—Sweepstakes.

The Thorley Food Co., 39 Franklin Street, Chicago, offer premiums as follows:

138 Best Barrow shown in Lot 43, Berkshires, 25 pounds Thorley Food, value..... $4 00
139 Best Barrow shown in Lot 44, Poland China, 25 pounds Thorley Food, value 4 00
140 Best Barrow shown in Lot 45, Chester White, 25 pounds Thorley food, value..... 4 00
141 Best Barrow shown in Lot 46, Essex, 25 pounds Thorley Food, value..... 4 00
142 Best Barrow shown in Lot 47, Duroc Jersey Red, 25 pounds Thorley Food, value..... ... 4 00
143 Best Barrow shown in Lot 48, Yorkshire and Suffolk, 25 pounds Thorley Food, value... 4 00
144 Best Barrow shown in Lot 49, Victoria, 25 pounds Thorley Food, value..... 4 00
145 Best Barrow shown in Lot 50, Grades and Crosses, 25 pounds Thorley Food, value..... 4 00

Lot 55—Pen Barrows.

148 Best five Fat Barrows 12 and under 18 months, Marshall Field & Co., Chicago, cash..... ....$100 00
149 Best five Fat Barrows under 1 year, Rice, Whitacre & Co., Chicago, a No. 2 Triumph Feed Steamer, value..... 60 00

Lot 59—Butter.

The National Butter, Cheese and Egg Association offer for the

173 Best tub of Butter of not less than 50 pounds, Gold Medal, value $100 00

Potter Palmer, of the Palmer House, Chicago, offers for the

173 Best tub of Butter of not less than 50 pounds, cash..... $50 00

Giles Bros., Jewelers, Chicago, offer for the

173 Best tub of Butter of not less than 50 pounds, Gold Watch with Dust-Proof and Anti-Magnetic Case, value.....$100 00

The De Laval Cream Separator Company, 92 Lake Street, Chicago, offer for the

173 Best tub of Butter of not less than 50 pounds, cash..... 50 00

Drake, Parker & Co., of the Grand Pacific Hotel, Chicago, offer for the

173 Best tub of Butter of not less than 50 pounds, the Butter to be the property of Drake, Parker & Co., cash..... 50 00

P. Moran & Co., Dealers in Dairy Products, 107 South Water Street, offer for the

Best Tub of Creamery Butter, of not less than 50 pounds, salted with Rice's "Pure Dairy Salt," cash..... 25 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 50 pounds, made in a whole-milk factory by the Cooley Submerged Process, No. 3 Cooley Creamer, value..... 40 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 50 pounds, made in a creamery by the Cooley Submerged Process, from gathered cream, No. 3 Cooley Creamer, value..... 40 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 20 pounds, made by the Cooley Submerged Process, No. 2 Cooley Creamer, value 30 00

The Thorley Food Company, 39 Franklin Street, Chicago, offers for the best results in increasing the quantity of Butter and Milk during a period of 30 days, the cow to be fed as per direction on Thorley Food, the Butter to be the property of the Thorley Food Co., 200 pounds Thorley Food, value..... 25 00

The Thorley Food Co., 39 Franklin Street, Chicago, offer for best sample of Butter made from the milk of one recorded cow of the following breeds:

Best 5 pounds Butter made from the milk of one native or grade cow, 25 pounds Thorley Food, value $4 00
161 Best 5 pounds Butter, Jersey Cow, 25 pounds Thorley Food, value.. 4 00
162 Best 5 pounds Butter, Guernsey Cow, 25 pounds Thorley Food, value 4 00
163 Best 5 pounds Butter, Ayrshire Cow, 25 pounds Thorley Food, value..... 4 00
164 Best 5 pounds Butter, Holstein or Friesian Cow, 25 pounds Thorley Food, value..... 4 00
165 Best 5 pounds Butter, Devon Cow, 25 pounds Thorley Food, value.. 4 00
166 Best 5 pounds Butter, Short-Horn Cow, 25 pounds Thorley Food, value..... 4 00
167 Best 5 pounds Butter, Hereford Cow, 25 pounds Thorley Food, value 4 00
168 Best 5 pounds Butter, Angus Cow, 25 pounds Thorley Food, value.. 4 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

156 For best package of not less than 20 pounds Dairy Butter, made at any time, one Lever Butter Worker, made by H. H. Palmer & Co., of Rockford, Ill., value... $5 00

Chas P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the Manufacturer—

157 For best 5 pounds or rolls of Butter of not more than 1 pound each, one Nesbit Butter Printing Machine, made by the Vermont Farm Machine Company, Bellows Falls, Vt., value..... $6 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer—

158 For best sample granulated Butter shown in glass, one No. 2 Boss Churn, made by H. H. Palmer & Co., Rockford, Ill., value. $7 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer--

159 For best sample of Butter of not less than 5 pounds, made from the milk of one cow, one No. 3 Davis Swing Churn, made by the Vermont Farm Machine Co., Bellows Falls, Vt., value.....$10 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

160 For best exhibit of fancy print Butter in shipping case for home market, one Crowell Thermometer Churn, made by the Ames Plow Co., Boston, Mass., value..... $8 00

Chas. P. Willard & Co., dealer in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

172 For largest and best display of Butter by one manufacturer, Butter and Cheese Color, made at Hansen's Laboratory, Little Falls, N. Y., value.....$25 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for best tub of Creamery Butter of not less than 50 pounds, made with churn and butter-worker of their make, 300-gallon Curtis Factory Churn, value 40 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for the best tub of Farm-made Butter of not less than 20 pounds, made with a Rectangular Churn, the following:

No. 3 Rectangular Churn	$ 9 00
No. 1 Lever Butter-Worker	6 50
One Butter Tray	3 00
Two Spoon Ladles	50
One Thermometer	50
One Butter Mould	50
	$20 00

Lot 60—Butter—State exhibit

The Iowa Dairymen's Association offer for the

176 Best tub of Butter of not less than 50 pounds, made in Iowa, cash prize $50 00

The Illinois Dairymen's Association offer for the

174 Best tub of Butter of not less than 50 pounds, made in Illinois, cash prize $50 00

Lot 61—Cheese.

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

195 For best lot of Cheese of not less than 50 pounds, made in Illinois, one Anderson Steamer, made by Haxtun Steam Heater Co., Kewanee, Ill., value.....$55 00

Chas P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St , Chicago, offer for the manufacturer—

191 For best display of Cheese by one manufacturer, Butter or Cheese Color made by Wells & Richardson, Burlington, Vt., value $25 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan St., Chicago, offer for the manufacturer—

195 For best lot of Cheese, of not less than 50 pounds, five sacks Higgin's Eureka Salt, made by the Higgin Eureka Salt Co., Liverpool, England, value $13 00

Drake, Parker & Co., of the Grand Pacific Hotel, offer for the

193 Best lot of Cheese, not less than 50 pounds, the Cheese to be the property of Drake, Parker & Co., cash prize.....$50 00

Potter Palmer, of the Palmer House, Chicago, offers for the

Best lot of Creamery Cheese of not less than 50 pounds, cash.....$50 00

J. C. Vaughan, Seedsman, 42 LaSalle St., Chicago, offers for the

193 Best lot of Cheese, not less than 50 pounds, No. 2 New England Root Cutter, value.....$14 00

Lot 62—Cheese—State exhibit

The Illinois Dairymen's Association offer for the

195 Best lot of three Cheese, not less than 50 pounds, made in Illinois, cash prize $50 00

TWELFTH ANNUAL MEETING ILLINOIS DAIRYMENS' ASSOCIATION

WILL BE HELD AT

BELVIDERE, ILL., DECEMBER 9, 10 AND 11, 1885.

R. P. McGLINCY, SEC'Y, Elgin, Ill. H. B. GURLER, PRES'T, DeKalb, Ill.

THE ILLINOIS HORTICULTURAL SOCIETY

Will hold its annual meeting at Centralia, December 8, 9 and 10, 1885.

The Society will hold a Fruit exhibit in connection with the meeting.

A. C. HAMMOND, SECRETARY, Warsaw. J. M. PEARSON, PRESIDENT, Godfrey.

H. M. DUNLAP, ASSISTANT SECRETARY, Savoy.

PREMIUM LIST

FOR THE

EIGHTH ANNUAL

American Fat Stock AND Dairy Show

TO BE HELD IN THE

EXPOSITION BUILDING, CHICAGO,

NOVEMBER 10-19, 1885,

—BY—

The Illinois State Board of Agriculture.

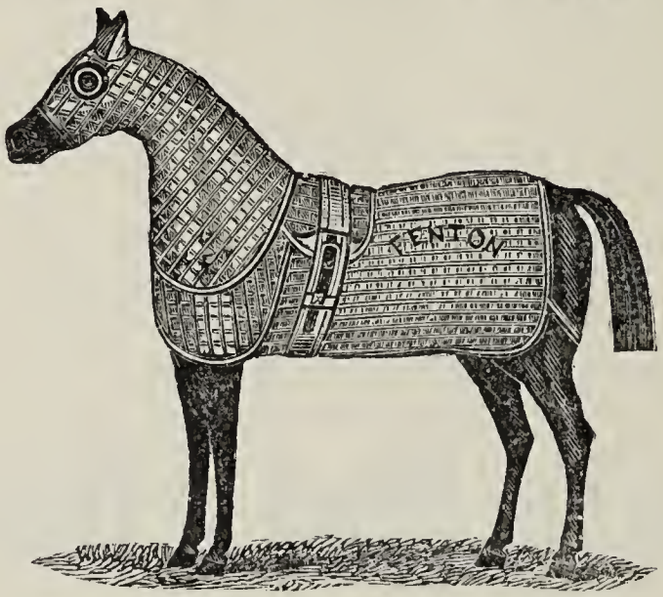
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Gen. C. H. Howard, Mrs. T. B. Carse, - - **Chicago.**
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BUILDING AND ROOFING PAPERS.

RAILROAD ARRANGEMENTS

FOR THE

AMERICAN FAT STOCK AND DAIRY SHOW.

1885.

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†Chicago & North-Western	Passengers one and one-third fare for the round trip. Will carry stock from stations on its line to Chicago at regular tariff rates, and refund one-third of the amount paid on presentation of Secretary's certificate that the stock has been on exhibition. Full rates will be charged on stock returned from Chicago to place of shipment.
‡Chicago, Rock Island & Pacific	
‡Illinois Central	
*Chicago & Alton	
*Chicago, St. Louis & Western	
1Chicago, Milwaukee & St. Paul	
2Cincin., Indianapolis, St. L. & Chic.	
§Louisville, New Albany & Chicago	
¶Wabash, St. Louis & Pacific	
Chicago, Burlington & Quincy	
Chicago & Iowa	
Baltimore & Ohio	Passengers one and one-third fare for the round trip. Freight will be charged full local tariff rate to Chicago, and must be prepaid, when it will be returned free to points whence shipped, on certificate of the Secretary that the same has been on exhibition, and has not changed ownership. Freight arrangement covers Cincinnati, Indianapolis, Louisville and points a distance of 275 miles east of Chicago.
Chicago & Atlantic	
Chicago & Eastern Illinois	
Chicago & Grand Trunk	
Chicago, St. Louis & Pittsburgh	
Lake Shore & Michigan Southern	
Michigan Central	
New York, Chicago & St. Louis	
Pittsburgh, Ft. Wayne & Chicago	

Record of proceedings Chicago Railroad Association, Passenger Department, meeting held Wednesday, September 15, 1885:

Resolved, That from points outside of the State of Illinois, tickets to Chicago and return may be sold at one and one-third fare, on account of the Fat Stock Show, ON APPLICATION, and that the Secretary of the Fat Stock Show be notified to this effect, in order that exhibitors may be notified that on application to the railroads this rate will be made. Tickets to be sold the two days immediately preceding opening of the Show, and to be limited to two days beyond date on which Show closes.

Paid freight bills, with Secretary's certificate, should be presented to the railroads when applying for a rebate of freight.

These concessions are made upon the condition that the roads are released from any and all liabilities exceeding $50 per head in case of injury by accident or otherwise, while in transit or awaiting shipment or delivery at stations.

Owners, or their agents, must accompany the stock, and be responsible for it, and its loading and unloading. All stock should be billed prepaid. The five dollars switching charges will be collected of the owner of the stock at the Exposition Building.

TERMINAL CHARGES.

Stock over the Illinois Central Railroad will be delivered at the Exposition Building, and should be so billed.

Stock from all other roads should be shipped to the Exposition Building, care Illinois Central Railroad, Union Stock Yards. The charge per car stock from the Stock Yards to the Exposition Building, and returning same, or empty car, to Stock Yards, will be five dollars.

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*Arrangements cover points in Illinois only.
†Covers points in Illinois, Iowa, Wisconsin and Minnesota.
‡Covers points in Illinois and Iowa.
¶Certificates to be presented to C. L. Wellington, A. G. F. A., Chicago.
§Except from Louisville, New Albany and Indianapolis.
1Applications for refund to be made to C. L. Rising, 55 Clark street, Chicago.
2Passenger rates cover Lafayette and stations north.

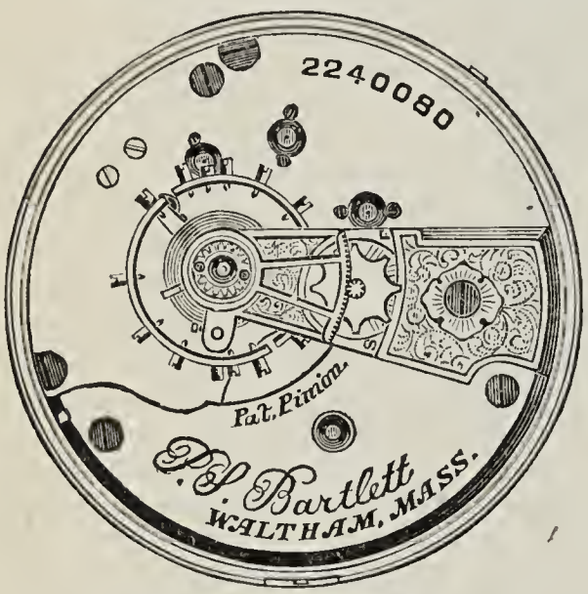
P. S. BARTLETT,

Wholesale and Retail Dealer in

WALTHAM AND ELGIN WATCHES,

Diamonds, Jewelry, Silver and Plated Ware, etc.

Goods sent by registered mail, and by Express C. O. D., to all parts of the country, with privilege of examination before paying. Packages sent on selection and approval. Special prices to all who buy to sell again. Send for Catalogue and Price List.



TIME IS MONEY.

P. S. BARTLETT,

(Late of American Watch Co.)

57 WASHINGTON STREET,

CHICAGO, - - ILL.

MEDICAL LAKE,

WASHINGTON TERRITORY.

MEDICAL LAKE SALTS!



NATURE'S PEERLESS REMEDY!

Sweetens the Stomach, Cures Indigestion, Dyspepsia, Sick or Nervous Headache. Acts promptly on the Kidneys, Curing Incipient Bright's and Diabetes. Effective alike for Internal or External use. Excellent in Rheumatism, Catarrh and Diseases of the Skin and Blood. Invaluable as a Remedy for the Diseases of Women.

THE CHICAGO MEDICAL LAKE MANUFACTURING CO.,

Medical Lake Toilet Soap.
The Best in Use.

85 Van Buren St., Chicago.

LIVE STOCK AND DAIRY MEETINGS,

To be held during the

AMERICAN FAT STOCK AND DAIRY SHOW,

IN CHICAGO.

Nov. 10–14, Tuesday–Saturday, the Twelfth Annual Convention of the National Butter and Cheese Association, at Grand Pacific Hotel.

Nov. 11, Wednesday, National Swine Growers' Association, at the Sherman House, 10 o'clock A. M.

Nov. 11, Wednesday, the National Norman Horse Breeders' Association, at the Sherman House, at 7:30 o'clock P. M.

Nov. 11, Wednesday, the Percheron Horse Breeders' Association of America, at the Grand Pacific Hotel, at 7:30 P. M.

Nov. 12, Thursday, the American Shire Horse Breeders' Association, at the Sherman House, at 7:30 P. M.

Nov. 12, Thursday, the Illinois Holstein Breeders' Association, at the Sherman House, at 7:30 o'clock P. M.

Nov. 12 Thursday, the National Poland-China Association, at the Sherman House, at —— o'clock.

Nov. 12, Thursday, the American Aberdeen-Angus Breeders' Association, at the Grand Pacific Hotel, at 7 o'clock P. M.

Nov. 13, Friday, the American Hereford Cattle Breeders' Association, at the Sherman House, at 7 o'clock P. M.

Nov. 13, Friday, the American Clydesdale Association, at the Grand Pacific Hotel, at 7:30 P. M.

Nov. 13, Friday, the Illinois Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 7:30 o'clock P. M.

Nov. 13, Friday, the National Chester White Association, at the Sherman House, at 7:30 o'clock P. M.

Nov. 14, Saturday, the American Berkshire Association, at the Sherman House, at 7:30 P. M.

Nov. 16, Monday, the American South-down Breeders' Association, at the Sherman House, at 7:30 P. M.

Nov. 16, Monday, the Holstein-Friesian Association of America, at the Grand Pacific Hotel, at 2 o'clock P. M.

Nov. 17, Tuesday, American Cotswold Association, at the Sherman House, at 7:30 P. M.

Nov. 17, Tuesday, the Oxford Sheep Breeders' Association, at the Sherman House, at 7:30 P. M.

Nov. 17, Tuesday, the American Shropshire Association, at the Sherman House, at 10 o'clock A. M.

Nov. 17 and 18, Tuesday and Wednesday, the National Cattle Growers' Convention, at the Exposition Building, 10 o'clock A. M. and 2:30 o'clock P. M.

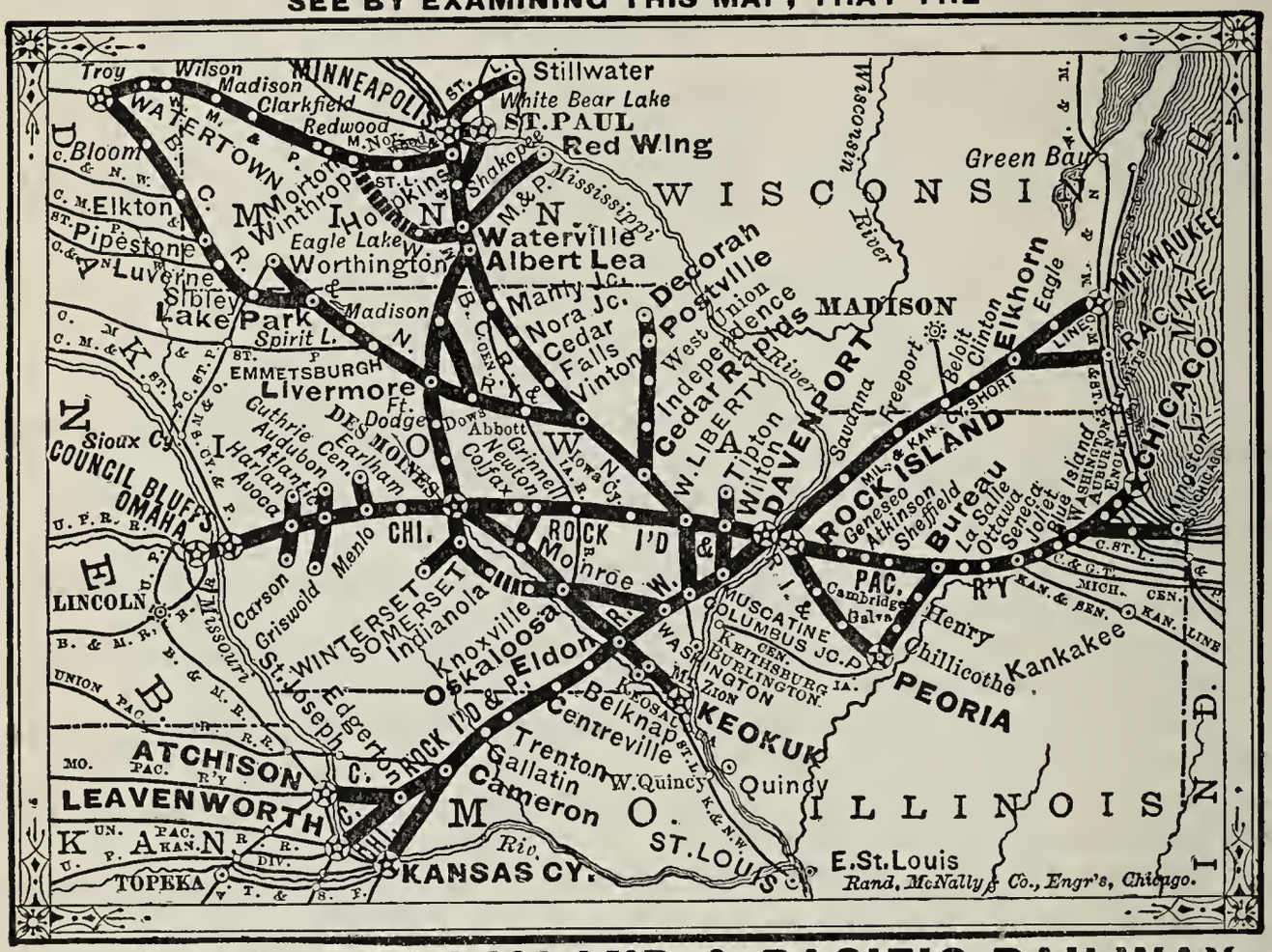
Nov. 18, Wednesday, the American Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 7:30 P. M.

Nov. 19, Thursday, American Duroc Jersey Swine Association, at the Grand Pacific Hotel, at —— o'clock.

Nov. 19, Thursday, the Annual Business Meeting of the National Cattle Growers' Association, at the Sherman House, at 10 o'clock A. M.

A MAN

WHO IS UNACQUAINTED WITH THE GEOGRAPHY OF THIS COUNTRY, WILL SEE BY EXAMINING THIS MAP, THAT THE



CHICAGO, ROCK ISLAND & PACIFIC RAILWAY

By reason of its central position and close relation to all principal lines East and West, at initial and terminal points, constitutes the most important mid-continental link in that system of through transportation which invites and facilitates travel and traffic between cities of the Atlantic and Pacific Coasts. It is also the favorite and best route to and from points East, Northeast and Southeast, and corresponding points West, Northwest and Southwest.

The Rock Island system includes in its main line and branches, Chicago, Joliet, Ottawa, La Salle, Peoria, Geneseo, Moline and Rock Island, in Illinois; Davenport, Muscatine, Washington, Fairfield, Ottumwa, Oskaloosa, West Liberty, Iowa City, Des Moines, Indianola, Winterset, Atlantic, Knoxville, Audubon, Harlan, Guthrie Centre and Council Bluffs, in Iowa; Gallatin, Trenton, Cameron and Kansas City, in Missouri; Leavenworth and Atchison, in Kansas; Albert Lea, Minneapolis and St. Paul, in Minnesota; Watertown in Dakota, and hundreds of intermediate cities, towns, villages and stations.

THE GREAT ROCK ISLAND ROUTE

Guarantees its patrons that sense of personal security afforded by a solid, thoroughly ballasted road-bed; smooth tracks of continuous steel rail; substantially built culverts and bridges; rolling stock as near perfection as human skill can make it; the safety appliances of patent buffers, platforms and air-brakes; and that exacting discipline which governs the practical operation of all its trains. Other specialties of this route are Transfers at all connecting points in Union Depots, and the unsurpassed comforts and luxuries of its Passenger Equipment.

The Fast Express Trains between Chicago and the Missouri River are composed of well ventilated, finely upholstered Day Coaches, Magnificent Pullman Palace Sleepers of the latest design, and sumptuous Dining Cars, in which elaborately cooked meals are leisurely eaten, "good Digestion waiting on Appetite, and Health on both." Between Chicago and Kansas City and Atchison, are also run the Celebrated Reclining Chair Cars.

THE FAMOUS ALBERT LEA ROUTE

Is the direct and favorite line between Chicago and Minneapolis and St. Paul, where connections are made in Union Depots for all points in the Territories and British Provinces. Over this route, Fast Express Trains are run to the watering places, summer resorts, picturesque localities, and hunting and fishing grounds of Iowa and Minnesota. It is also the most desirable route to the rich wheat fields and pastoral lands of interior Dakota.

Still another DIRECT LINE, via Seneca and Kankakee, has been opened between Newport News, Richmond, Cincinnati, Indianapolis, and Lafayette and Council Bluffs, Kansas City, Minneapolis and St. Paul and intermediate points.

For detailed information see Maps and Folders, obtainable, as well as Tickets, at all principal Ticket Offices in the United States and Canada; or by addressing

R. R. CABLE, **E. ST. JOHN,**

EIGHTH ANNUAL

AMERICAN FAT STOCK AND DAIRY SHOW.

The Exhibition will be open to the public on Tuesday, November 10, at 9 o'clock A. M., and will continue, day and evening, until the following Thursday, November 19, at 10 P. M.

GENERAL RULES AND REGULATIONS

FOR THE AMERICAN FAT STOCK AND DAIRY SHOW OF 1885.

The exhibition of Horses and the admission of Live Stock for exhibition only or for sale will be, if at all, only to the extent of the space at the disposition of the Committee of Arangements, without limiting or incommoding the exhibition of Fat Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1885, after the close of the entries of competing animals.

The Exposition Building will be open for the reception of Stock on Monday, November 9, and until Tuesday night, November 10, 1885.

ENTRIES.

1. Must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

2. In all thoroughbred classes, authentic pedigrees must be furnished. Statements showing date of birth, the proportion of improved blood so far as known in each animal exhibited, in lots for grades or crosses, must be furnished at time of entry.

3. The following fees will be charged, and must accompany applications for entries: For each horse, steer, cow or heifer, $2; for each sheep or hog, $1.

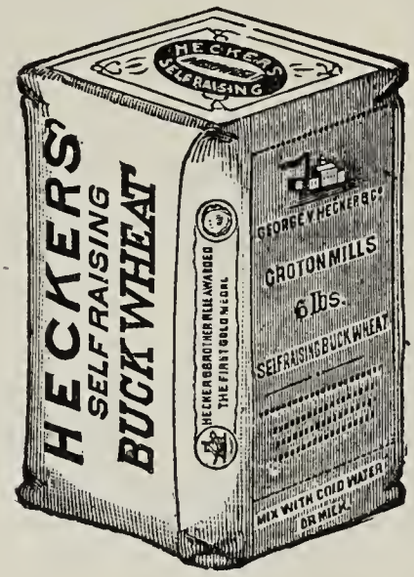
4. Each exhibitor must purchase an *Exhibitor's Ticket* ($1.50) when applying for entries (a firm being regarded as one exhibitor). Only one member of the firm will be admitted to the Building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitors' tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

5. Every animal must be entered for competition in the name of the owner. Only animals awarded first prizes in breed rings are eligible to compete in the sweepstakes rings, and only animals awarded sweepstakes prizes or animals not elsewhere shown are eligible to compete for the Grand Sweepstakes prizes.

6. A card will be furnished the exhibitor, at the time of making entry, specifying the Class, the number of the Lot, and the number of the entry, which card must remain attached to the animal during the exhibition, except in Classes C and D, where the cards must be attached to the pen.

Heckers' and Standard Manufactures.







HECKERS' FARINA

Is made entirely of wheat. It is an especially nutritious food for invalids and infants, and a most delicious dessert when made into jelly or blanc mange, and served with sauce or fruit.

HECKERS' WHEATEN GRITS

Surpass all other preparations of wheat for producing and maintaining a healthful, active condition of the system.

HECKERS' SELF-RAISING BUCKWHEAT

From which Buckwheat Cakes can be made almost instantly, by the use of cold water or milk. Made from the best New York or Pennsylvania Buckwheat.

HECKERS' PARTLY COOKED OAT MEAL

Made from specially selected grain. A very superior article for Porridge, Oaten Cakes, Gruel, etc.

HECKERS' SELF-RAISING GRIDDLE CAKE FLOUR

For all uses where a batter is required, and for Muffins, Pancakes, Waffles, Puddings, Apple, Peach, Fish or Flain Fritters, etc.

HECKERS' BROWN BREAD SELF-RAISING FLOUR

For making the genuine Boston Brown Bread, Waffles or Gems.

GEO. V. HECKER & CO.,

CHICAGO AGENCY: 36 and 38 River Street; ROB'T M. FLOYD, Manager.

7. Diligence will be used by the officers of the Board to prevent injury to or loss of property, but they will not be responsible for any damage or loss or injury to person that may occur.

8. In no case shall the gain per day be computed or reported, unless the exact age of the animal shall be verified by the affidavit of the owner or of some creditable party. All statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavit.

9. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges for each class, two of whom, if agreed, shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

10. Committeemen, before entering upon their duties, shall pass a satisfactory examination before the Board as to their qualifications. If, after such examination, the Superintendent become satisfied of the incompetency of any committeeman, he shall, without delay, report the fact to the President, who shall convene the Committee of Arrangements for such action as may be necessary.

11. The judges are instructed to award premiums to such animals as present the greatest weight in the smallest superfices—taking into consideration age, the quality of flesh and its distribution in the most valuable portions of the carcass.

12. Awarding Committees are instructed that if they have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.

13. Each award and notice of protest (if any is made) must be written in a plain, careful manner by the Superintendent, on blank page opposite the entry.

14. The entry books must be returned by the Superintendent of each Department to the Secretary as soon as the awards in each are completed.

15. Great care must be exercised to preserve the Awarding Committees' books, and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on authority of these entries *only*.

16. Superintendents will be particular to observe the following:

Blue Ribbons are designed for first premiums.

Red Ribbons for second premiums.

White Ribbons for third premiums.

17. Decisions of Awarding Committees shall be final and no appeal will be considered, except in case of protest.

18. Objections to a person serving as a member of an Awarding Committee must be submitted to the Superintendent in writing prior to making any award, giving good and sufficient reasons therefor. Superintendents receiving such objections, if deeming them worthy of consideration, shall report the same to the President, who, with the Superintendent, shall constitute a committee to fill the vacancy.

19. Any exhibitor attempting to interfere with judges during their adjudications will be promptly excluded from competition.

CONTRACTS FOR LABOR AND MATERIALS.

1. All contracts for labor and material required for the Fat Stock Show, not made by purchasing agent, shall be made in duplicate by the member or committee authorized to make the expenditure, the original copy to be given to the party contracted with and the duplicate to be filed with the Auditing Committee without delay.

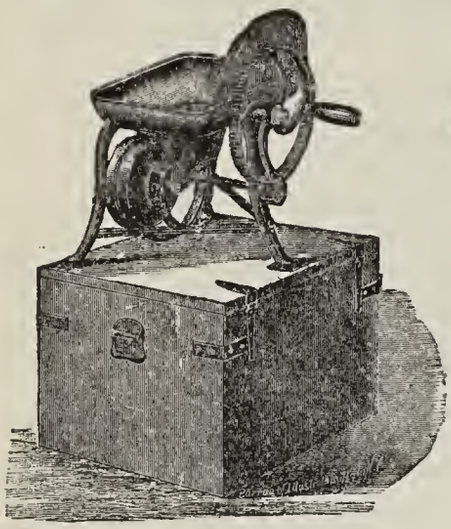
COLLECTION OF FUNDS.

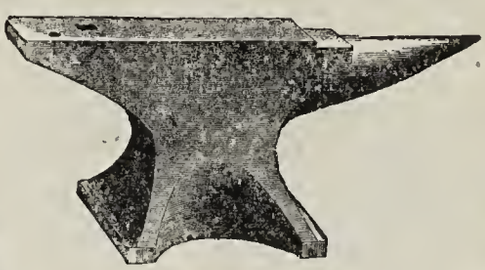
1. Officers and members of the Board receiving moneys of the Board must promptly pay the same over to the Treasurer, taking his itemized receipt in

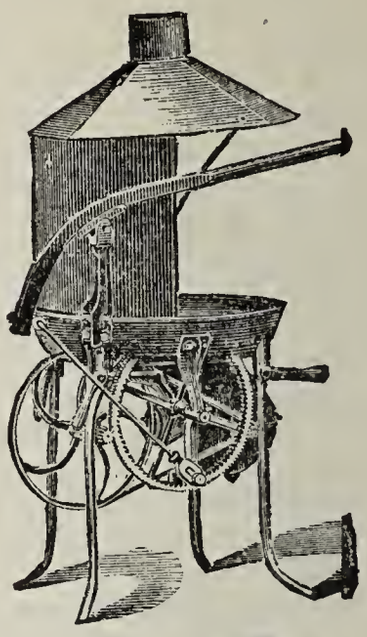
S. D. KIMBARK,

MICHIGAN AVENUE AND LAKE STREET,

CHICAGO, ILLINOIS,





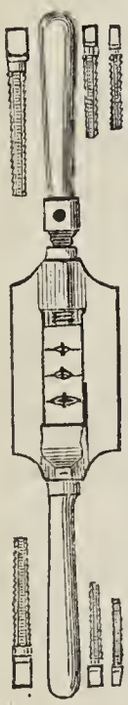


IRON, STEEL, NAILS,

CARRIAGE, WAGON,

AND HEAVY

HARDWARE

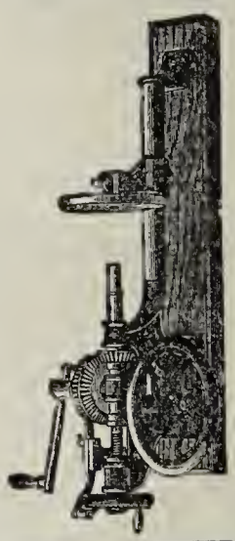




CARRIAGE TRIMMINGS & MOUNTINGS,

Carriage and Wagon Wood Material,

BLACKSMITHS' TOOLS AND MACHINES.

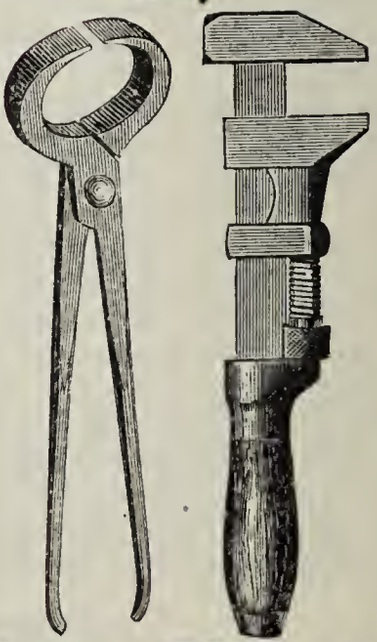


BLACKSMITHING OUTFITS

FOR

Stockmen AND Farmers





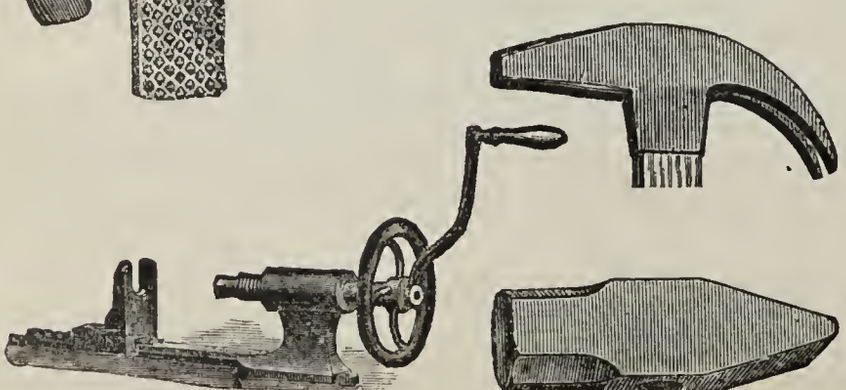
WAGON SINGLETREES

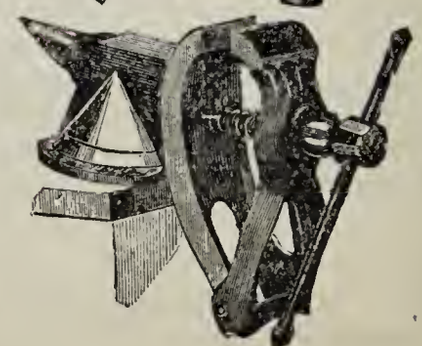
AND NECKYOKES

Ironed and Painted and Ready for Use.

HORSE AND MULE SHOES.

HORSESHOE NAILS.





duplicate therefor. The party collecting and transferring the funds must forward the duplicate receipt of the Treasurer to the Secretary, who will credit the several accounts with the amounts named.

AUDITING COMMITTEE.

1. All vouchers for expenses incurred in connection with the Fat Stock Show must be approved by a majority of the Auditing Committee and then entered in a book kept for that purpose by the Secretary, who will issue an order on the Treasurer for the same in favor of the party furnishing the service or material. Said vouchers must be made in detail and certified by the member or committee on whose order the service or material was furnished. All bills must be presented to the Auditing Committee within ten days after the close of the Fat Stock Show.

2. *All bills against the State Board of Agriculture must be made in detail;* and all bills contracted during the show, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee before they can be paid by the Treasurer. It shall be the duty of the Auditing Committee to examine into the correctness of all bills presented for payment, and the committee shall have full power of investigation and approval as to the quantity, quality and cost of all articles purchased.

SUPERINTENDENTS.

1. The General Superintendent will have charge of the building and police and fire-extinguishing appliances. He will have an efficient police force on duty day and night, and will assign such number of policemen to the Superintendent of Departments as they may require.

2. Superintendent of Permits and Privileges will sell privileges for dining halls, stands, etc.

3. Superintendent of Gates and Tickets will have charge of the tickets, gates and ticket-takers.

SUPERINTENDENT OF STALLS AND FORAGE.

1. The Superintendent of Stalls and Forage will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before 8 o'clock A. M., and again between the hours of 5 and 7 P. M., and that the aisles are kept clean during the hours of exhibition.

SUPERINTENDENT PURCHASING DEPARTMENT.

1. Will make, on the requisitions of Superintendents, any necessary purchases of material (except forage) in connection with the Fat Stock Show.

ADMISSION FEES.

1. Exhibitor's tickets, good during the show, $1.50. Tickets admitting one person once, 25 cents. Tickets admitting children under 12 years of age, 15 cents.

THE PRESS.

The Press Committee will provide editors and reporters with the necessary permits to the building, and will assist them, so far as practicable, to such information regarding the Show as may be of interest to the public.

ANIMALS.

1. No animal can be removed until the close of the Exhibition, except for adequate cause, and then only on the written order of the President.



AB. KLEE. S. TAUSIG.

KLEE & TAUSIG,

DEALERS IN FARM, DRIVING AND HEAVY-DRAFT

HORSES AND MULES,

238 TO 242 N. CENTRE AVENUE,

NEAR MILWAUKEE AVE.

TELEPHONE No. 4238. *Chicago.*

A. H. BARBER,

WHOLESALE DEALER IN

Butter, Cheese AND Dairy Supplies,

NO. 183 SOUTH WATER STREET,

CHICAGO.

—DEFIANCE HERD OF—

SHORT-HORN × CATTLE.

Our herd now numbers seventy, at the head of which we have the Bates Bulls, Waterloo Duke 6th, 54248, and Roan Duke 12th, 53574.

AMONG THE FAMILIES REPRESENTED ARE THE

PLACE,	**CRAGGS,**	**FLETCHER,**	**ACOMB,**
LADY SALE,	**PRINCESS,**	**GWYNNE PRINCESS,**	**SERAPHINAS,**
CYPRESS,	**ACTRESS,**	**JAY PRINCESS,**	**CONSTANCE, ETC.**

Young Bulls, old enough for service, for sale. We are also breeding **DUROC JERSEY** Hogs from registered stock.

CURTIS HOLGATE & CO., DEFIANCE, OHIO.

2. Stock must be in the stalls or pens in the Exposition Building, Chicago, as above required, in order that they may be weighed, numbered and catalogued, previous to the opening of the Show.

3. Cattle must be well halter-broken; and vicious animals will not be admitted to the building.

4. The animals to be slaughtered will be placed in charge of the Superintendents of the Departments in which they are entered, Monday morning of the Show, in order that they may receive the same feed and care until the day of slaughter.

5. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition (except dairy cattle shown in Lots 18 to 21).

6. The Superintendent may exclude stock from competition, should there be any unnecessary delay on the part of exhibitors in bringing animals into the show ring.

7. The animals for slaughter will be killed, dressed and weighed under direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor and subject to owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds to be paid to the respective owners.

8. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.

9. Animals entered for competition in Class A—Cattle—will be examined as to age by a committee consisting of an experienced and practical veterinary surgeon and two practical and experienced feeders.

10. Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Fat Stock Show of 1885 will be excluded from the Exposition Building.

AWARDING COMMITTEES.

1. Each Awarding Committee will consist of three persons.

2. Awarding Committees will commence examinations on Wednesday, November 11, at 9 o'clock A. M., and continue until awards are completed.

3. No person shall act as judge in any lot in which he may be interested as an exhibitor, the agent or employe of an exhibitor, or otherwise.

4. No animal deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition. In case of no competition, the awarding committee may award any grade of premium according to the merit of the animal or article.

5. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination of the animal or article protested, and a written statement setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the notice is given. Provided, that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the Awarding Committee.

6. In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In cases of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all obtainable evidence, shall be presented on the final consideration of the question at issue. In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and



M. TAUSIG,

Dealer in Farm, Driving and Heavy-Draft

Horses and Mules,

604 MILWAUKEE AVE.

CHICAGO.

SPECIALTY MADE OF SHIPPING HORSES.

Chas. Gossage & Co.,

106, 108 AND 110 STATE STREET,

56, 58, 60 and 62 Washington Street,

CHICAGO.

DRY GOODS

CARPETS,

Upholstery, Boots and Shoes, etc.

MAIL ORDERS PROMPTLY ATTENDED TO.

ORR & LOCKETT,

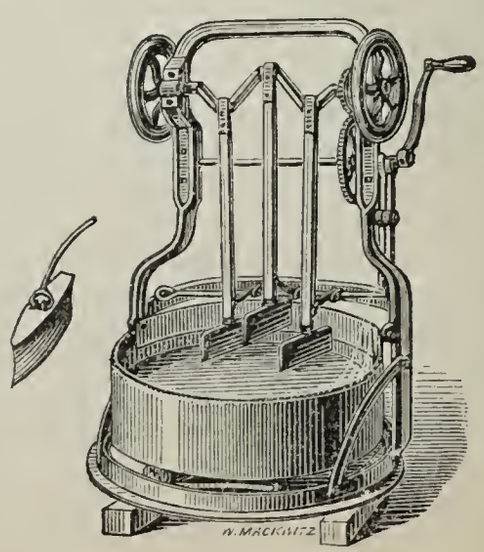
Butchers' AND Packers' Machinery,

TOOLS AND SUPPLIES, COOLING ROOMS,

STALL RAILS, CUTTING BENCHES, BLOCKS, ETC.

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to deal with any party or parties implicated therein in such manner within the scope of the power of the Board as may from the evidence relating thereto be deemed just and proper.

7. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.

8. The judges will report only upon the animals entitled to premiums in the regular list, and authorized special or individual prizes, which, in all all cases, must be duplicates of regular premiums as to the classification.

9. Judges, in making awards, will consider only animals in good condition for slaughter, and awards of premiums in regular rings shall carry the corresponding special premiums offered thereon.

CLASS A—Cattle.

LA FAYETTE FUNK, Superintendent Beef Breeds.

JOHN P. REYNOLDS, Superintendent Dairy Breeds.

The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Cattle must be in their stalls in the Exposition Building, Chicago, not later than Monday, November 9th, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Stock must be well halter-broken, and vicious animals will not be admitted to the building, or, if admitted, will be removed.

SPECIAL RULES.

1. All animals entered for competition in this class will be examined by a committee appointed by the President, and consisting of one experienced, practicing veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, *prior to the time fixed for the commencment of work by the Awarding Committee of this class;* and all questions, discrepancies and protests, founded upon or arising out of allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the Awarding Committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each animal will be $2.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition (except dairy cattle shown in Lots 18 to 21).

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at the time of entry. Statements showing date of birth, the proportion of improved blood, so far as known, in each animal exhibited in lots

for grades or crosses, must be furnished at time of entry. Steers and spayed heifers compete together. Barren cows or heifers or Free Martins not eligible to competition.

6. Only animals awarded first prizes in Lots 1, 2, 3, 4, 5, 6, 7 and 8 are entitled to compete in the sweepstakes ring, lot 9, and only animals awarded sweepstakes prizes in Lot 9, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize. Lot 10 Animals awarded sweepstakes prizes in Lot 9, and the grand sweepstakes prize in Lot 10, will be slaughtered in competition for the prizes in Lot 12. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7 Animals competing for premiums in Lot 15, heaviest fat steer, may be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. Cattle shown in Lot 11, pen of cattle, to weigh at the Exposition Building as follows: Steers three and under four years, not less than 1,800 pounds each; steers two and under three years, not less than 1,500 pounds each; steers one and under two years, not less than 1,000 pounds each.

9. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

10. Animals originally entered for competition in Lots 12 and 13, carcasses, will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 10, grand sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

Beef Breeds—Cattle.

LA FAYETTE FUNK, Superintendent.

Lot 1—Short-Horns.

1	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
2	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
3	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
4	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 2—Herefords.

5	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
6	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
7	Best Steer or Spayed Heifer 1 and 2 years	$30 00
	Second best	20 00
	Third best	10 00
8	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 3—Devons.

9	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
10	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
11	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
12	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 4—Aberdeen-Angus or Galloways

13 Best Steer or Spayed Cow 3 and under 4 years.....$30 00
Second best..... 20 00
Third best..... 10 00

14 Best Steer or Spayed Heifer 2 and under 3 years..... 30 00
Second best..... 20 00
Third best..... 10 00

15 Best Steer or Spayed Heifer 1 and under 2 years..... 30 00
Second best..... 20 00
Third best..... 10 00

16 Best Steer or Spayed Heifer under 1 year old..... 30 00
Second best..... 20 00
Third best..... 10 00

Lot 5—Holstein-Friesian.

17 Best Steer or Spayed Cow 3 and under 4 years..... $30 00
Second best..... 20 00
Third best..... 10 00

18 Best Steer or Spayed Heifer 2 and under 3 years..... 30 00
Second best..... 20 00
Third best..... 10 00

19 Best Steer or Spayed Heifer 1 and under 2 years..... 30 00
Second best..... 20 00
Third best..... 10 00

20 Best Steer or Spayed Heifer under 1 year old..... 30 00
Second best..... 20 00
Third best..... 10 00

Lot 6—Grades or Crosses.

21 Best Steer or Spayed Cow 3 and under 4 years.....$30 00
Second best..... 20 00
Third best..... 10 00

22 Best Steer or Spayed Heifer 2 and under 3 years..... 30 00
Second best..... 20 00
Third best..... 10 00

23 Best Steer or Spayed Heifer 1 and under 2 years..... 30 00
Second best..... 20 00
Third best..... 10 00

24 Best Steer or Spayed Heifer under 1 year old..... 30 00
Second best..... 20 00
Third best..... 10 00

Lot 7—Range Cattle.

25 Best Steer or Spayed Cow 3 and under 4 years.....$30 00
Second best..... 20 00
Third best..... 10 00

26 Best Steer or Spayed Heifer 2 and under 3 years..... 30 00
Second best..... 20 00
Third best..... 10 00

27 Best Steer or Spayed Heifer 1 and under 2 years..... 30 00
Second best..... 20 00
Third best..... 10 00

28 Best Steer or Spayed Heifer under 1 year old..... 30 00
Second best..... 20 00
Third best..... 10 00

Lot 8—All Breeds and Grades by Ages.

29 Best Steer or Spayed Cow 3 and under 4 years.....$50 00
30 Best Steer or Spayed Heifer 2 and under 3 years..... 50 00
31 Best Steer or Spayed Heifer 1 and under 2 years..... 50 00
32 Best Steer or Spayed Heifer under 1 year old..... 50 00

Lot 9—Sweepstakes.

33 Best animal shown in Lot 1, Short-Horns.....$75 00
34 Best animal shown in Lot 2, Herefords..... 75 00
35 Best animal shown in Lot 3, Devons. 75 00
36 Best animal shown in Lot 4, Aberdeen-Angus or Galloways..... 75 00
37 Best animal shown in Lot 5, Holstein-Friesians..... 75 00
38 Best animal shown in Lot 6, Grades or Crosses..... 75 00
39 Best animal shown in Lot 7, Range Cattle..... 75 00

Lot 10—Grand Sweepstakes.

40 Best Steer, Cow or Spayed Heifer in the Show.....$100 00

Lot 11—Pen of Cattle.

41 Best 5 Steers or Spayed Cows 3 and under 4 years.....$150 00
Second best..... 75 00
42 Best 5 Steers or Spayed Heifers 2 and under 3 years..... 150 00
Second best..... 75 00
43 Best 5 Steers or Spayed Heifers 1 and under 2 years..... 150 00
Second best..... 75 00
44 Best 5 Steers or Spayed Heifers under 1 year..... 150 00
Second best..... 75 00

Lot 12—Dressed Carcass.

45 Best Carcass of Steer or Spayed Cow 3 and under 4 years.....$75 00
46 Best Carcass of Steer or Spayed Heifer 2 and under 3 years..... 75 00
47 Best Carcass of Steer or Spayed Heifer 1 and under 2 years..... 75 00

Lot 13—Carcass Prizes.

48 Carcass furnishing the largest per cent of edible meat.....$75 00
49 Carcass furnishing the largest per cent of net to gross weight..... 75 00

Lot 14—Dressed Carcass—Sweepstakes.

Only animals awarded first prizes in Lot 12 will be entitled to compete in this lot.

50 Best Carcass of Steer or Spayed Heifer of any age.....$100 00

Lot 15—Heaviest Fat Steer.

Open to all ages.

51 First premium.....$75 00
Second premium..... 50 00
Third premium..... 25 00

Lot 16—Gain Per Day.

Steer or Spayed Heifer showing the greatest average gain per day, including weight at birth.

52	Best Steer or Spayed Cow 3 and under 4 years	$50 00
	Second best	25 00
53	Best Steer or Spayed Heifer 2 and under 3 years	50 00
	Second best	25 00
54	Best Steer or Spayed Heifer 1 and under 2 years	50 00
	Second best	25 00
55	Best Steer or Spayed Heifer under 1 year old	50 00
	Second best	25 00

Lot 17—Cost of Production.

Entries to be made on prescribed form and verified by affidavit.

56	Best Steer or Spayed Cow 3 and under 4 years	$65 00
	Second best	35 00
57	Best Steer or Spayed Heifer 2 and under 3 years	65 00
	Second best	35 00
58	Best Steer or Spayed Heifer 1 and under 2 years	65 00
	Second best	35 00
59	Best Steer or Spayed Heifer under 1 year old	65 00
	Second best	35 00

Dairy Breeds—Cattle.

JOHN P. REYNOLDS, SUPERINTENDENT.

Lot 18—Holstein-Friesian.

60	Best Bull 3 years old or over	$125 00
61	Best Cow 3 years old or over	100 00
	Second best	50 00
	Third best	25 00

Lot 19—Ayrshires.

62	Best Bull 3 years old or over	$125 00
63	Best Cow 3 years old or over	100 00
	Second best	50 00
	Third best	25 00

Lot 20—Jerseys.

64	Best Bull 3 years old or over	$125 00
65	Best Cow 3 years old or over	100 00
	Second best	50 00
	Third best	25 00

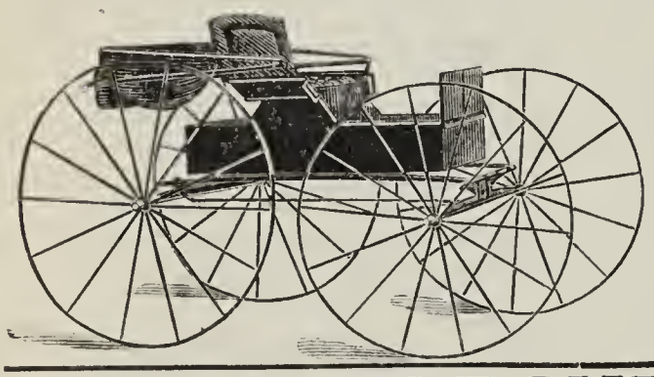
Lot 21—Other Pure Dairy Breeds.

66	Best Bull 3 years old or over	$50 00
67	Best Cow 3 years old or over	50 00

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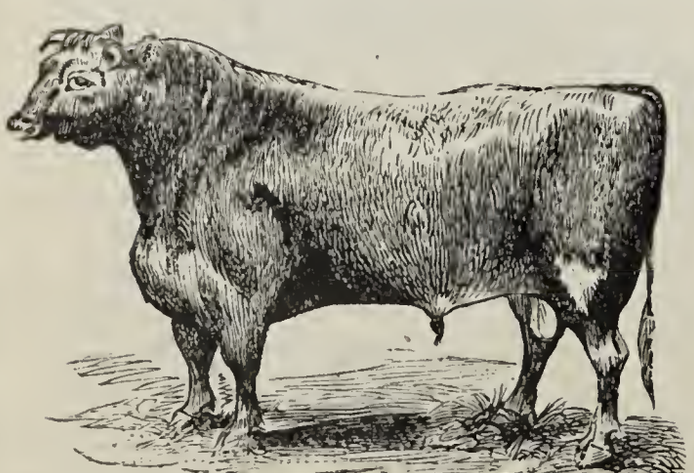
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COST OF PRODUCTION.

FORM OF APPLICATION FOR ENTRY.

Secretary State Board of Agriculture:

I hereby make application to enter the following described animal in Lot 17—Cost of Production—and give items of cost and other particulars below:

Name..... P. O.....

PEDIGREE.

Name.....
Herd Book No..... Color, etc.....
Date of birth.....
Bred by..... of .....
Got by.....
1 dam..... " .....
2 dam..... " .....
3 dam..... " .....

COST OF PRODUCTION—FIRST YEAR.

Value of calf at birth.....	$.....
Quantity and value of milk consumed. No. of galls.....Price per gall.....	.....
*Quantity and value of grain, meal and feed of each kind other than hay, forage and pasturage consumed during the first twelve months, as follows:	
.....lbs. of.....@.....per 100 lbs.	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
†Quantity, kind and value of hay and other forage (except pasture) consumed first twelve months, as follows:	
.....lbs. of.....@.....per 100 lbs.	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
‡Value of grass consumed in pastures up to 12 months of age.....	.....
Expense for care, feeding, salting, etc., up to 12 months of age.....	.....
¿Other expenses for food, etc., up to 12 months of age not named above, as follows:	
.....	.....
Total cost of production up to 12 months of age.....	.....

Weight of animal at twelve months of age ..... lbs.

Value of animal at twelve months of age, $....
What kinds and how much other food than milk and pasturage was given to the calf daily while sucking? .....
At what age was the calf weaned?.....
Was the calf allowed to run with dam until weaned? .....
Is a daily allowance of grain for yearling steers, when on grass, profitable?.....

COST OF PRODUCTION—SECOND YEAR.

ANIMAL ONE AND UNDER TWO YEARS OLD.

Weight of animal at twelve months of age, ... lbs.

Value of animal at 12 months of age.....	$.....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age to November 10, 1885, as follows:	
.....lbs. of.....@.....per 100 lbs.	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age up to 24 months of age, as follows:	
.....lbs. of.....@.....per 100 lbs.	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to November 10, 1885, as follows:	
.....lbs. of.....@.....per 100 lbs.	.....
..... " .....@..... "	.....
..... " .....@..... "	.....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to 24 months of age, as follows:	
.....lbs. of.....@.....per 100 lbs.	.....
..... " .....@..... "	.....
..... " .....@..... "	.....

‡Value of grass consumed in pasture from 12 months of age to November 10, 1885 .....
‡Value of grass consumed in pasture from 12 months of age to 24 months of age.....
Expense for care, feeding, salting, etc., from 12 months of age to November 10, 1885 .....
Expense for care, feeding, salting, etc, from 12 months of age to 24 months of age.....
§Other expenses for food, etc., not named above, from 12 months of age to November 10, 1885, as follows:
.....
¿Other expenses for food, etc., not named above, from 12 months of age up to 24 months of age, as follows:
.....

Total cost of production from 12 months of age to November 10, 1885.....
Total cost of production from 12 months of age up to 24 months of age.....
Weight of animal Nov. 10, 1885.....lbs.
Weight of animal at 24 months .....lbs.
Value of animal Nov. 10, 1885, $6 per 100
Value of animal at 24 months, $6 per 100

REMARKS.

Was the animal stabled or sheltered during the winter? .....

Was the animal allowed range of pasture during the winter? .....

Daily allowance of grain? .....

COST OF PRODUCTION—THIRD YEAR.

ANIMAL TWO AND UNDER THREE YEARS OF AGE.

Weight of animal at 24 months of age, ...lbs.

Value of animal at 24 months of age..... $.....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age up to 36 months of age:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
†Quantity, kind and value of hay and other forage, except pasturage, consumed from 24 months of age up to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
†Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to 36 months of age:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "

‡Value of grass consumed in pasture from 24 months of age to November 10, 1885.....
‡Value of grass consumed in pasture from 24 months of age up to 36 months of age.....
Expense for care, feeding, salting, etc., from 24 months of age to November 10, 1885.....
Expense for care, feeding, salting, etc., from 24 months of age up to 36 months of age.....
¿Other expenses not named above, from 24 months of age to November 10, 1885, as follows:
.....
¿Other expenses not named above, from 24 months of age up to 36 months of age, as follows:
.....

Total cost of production from 24 months of age to November 10, 1885.....
¿Total cost of production from 24 months of age up to 36 months of age.....
Weight of animal Nov. 10, 1885.....
Weight of animal 36 months of age.....
Value of animal Nov. 10, 1885.....$6 per 100
Value of animal 36 mos. of age, $6 per 100

REMARKS.

Was the animal stabled or sheltered during the winter? .....

Was the animal allowed range of pasture during the winter? .....

Daily allowance of grain? .....

COST OF PRODUCTION FOR PART OF FOURTH YEAR.

ANIMAL THREE AND UNDER FOUR YEARS.

Weight of animal at 36 months of age, lbs.....
Value of animal at 36 months of age at $6 per 100.....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 36 months of age to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
†Quantity and value of hay and other forage, except pasture, consumed from 36 months of age to November 10, 1885:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " .....@..... "
‡Value of grass consumed in pasture from 36 months of age to November 10, 1885.....
Expense for care, feeding, salting, etc., from 36 months of age to November 10, 1885.....
¿Other expenses not named above, from 36 months of age to November 10, 1885, as follows:
.....

Total cost of production from 36 months of age to November 10, 1885.....
Weight of animal Nov. 10, 1885.....lbs.
Value of animal Nov. 10, 1885...$6 per 100

REMARKS.

Was the animal stabled or sheltered during winter?.....
Was the animal allowed range of pasture during winter?.....
Daily allowance of grain?.....

RECAPITULATION.

Cost of production—	
At 12 months of age.....	.....
November 10, 1885 (steer 1 and under 2)....	.....
At 24 months of age.....	.....
November 10, 1885 (steer 2 and under 3)....	.....
At 36 months of age.....	.....
November 10, 1885 (steer 3 and under 4	.....
Total.....	$.....

On this ..... day of November, 1885, personally appeared before me....., who, being duly sworn, says that the above statement is true.

[SEAL] .....N. P.

*State, separately, amount of corn, oats, linseed or other meal, grain, roots, etc., whether ground, steamed or otherwise specially prepared; price of each per 100 pounds.

†State, separately, amount of timothy, clover, millet, prairie or other hay, and price of each per ton; also whether cut or otherwise specially prepared..

‡State kind of pasture—blue grass, timothy, clover, or otherwise.

§ Specify kind, amount and value of each of the several kinds of food.

Blanks for Cost of Production furnished on application.

CLASS B—Horses.

E. C. LEWIS, SUPERINTENDENT LIGHT HORSES.

DAVID GORE, SUPERINTENDENT DRAFT HORSES.

The Exposition Building will be open for the reception of Stock on Monday, the 9th day of November, 1885.

The exhibition of horses and the admission of live stock for exhibition only or for sale will be, if at all, only to the extent of the space at the disposition of the Committee of Arrrangements, without limiting or incommoding the exhibition of Fat or Dairy Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1885, after the close of the entries of competing animals.

ENTRIES.

1. Must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications, on which to specify exhibitor's name and address, with description of animal offered.

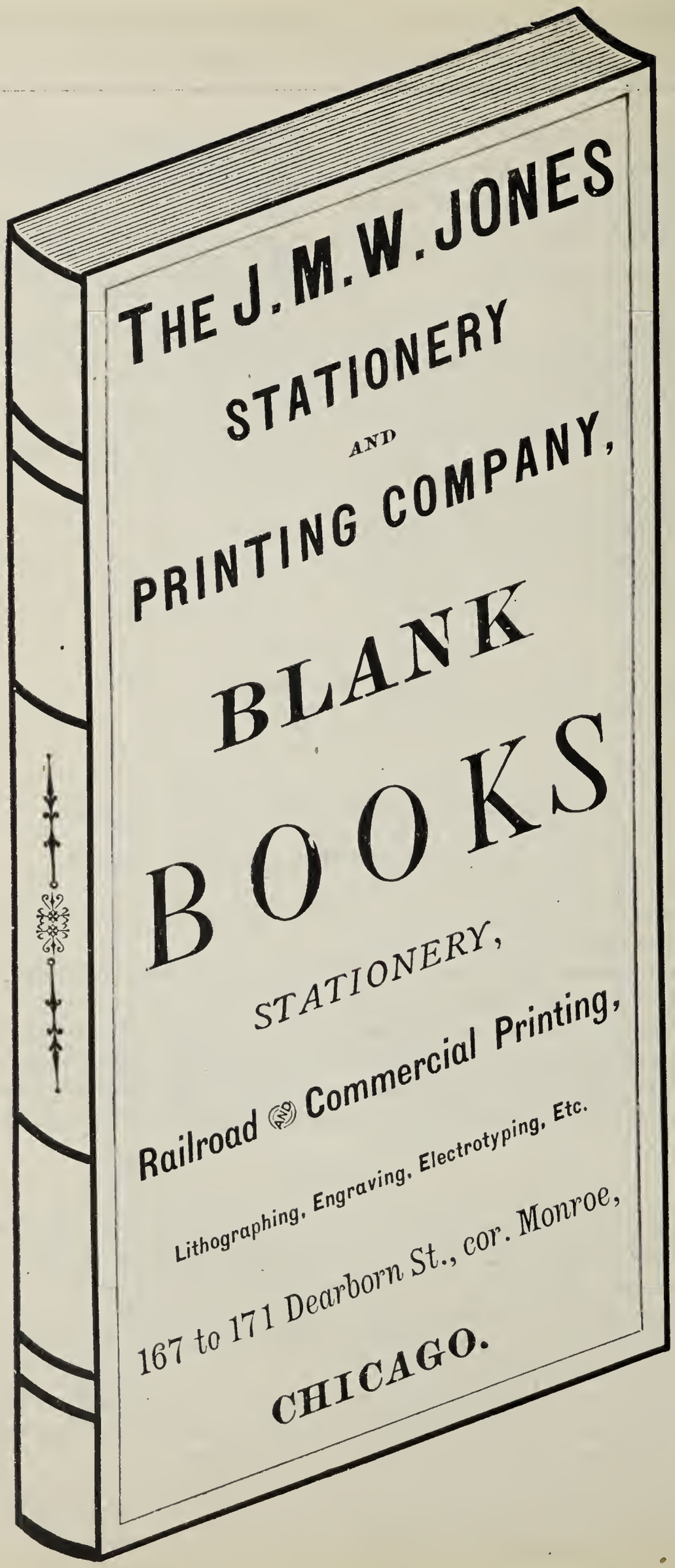
2. In all classes authentic pedigrees must be furnished.

3. The following fee will be charged, and must accompany application for entries: For each horse, $2.00.

4. Each exhibitor must purchase an exhibitor's ticket ($1.50), when applying for entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket.

No exhibitor will be permitted to show more than ten horses, unless additional stalls are constructed and at the disposal of the Superintendent of Stalls.

See list of Special Premiums for Horses published elsewhere.


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CLASS C—Sheep.

D. W. VITTUM, JR., SUPERINTENDENT.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building; or, if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify the exhibitor's name and address, with age and description of the animal offered.

3. The fee for each sheep will be $1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for the entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used for breeding purposes, and animals whose fleeces have been artificially colored, will be excluded from competition.

5. All statements of fact required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 25, 26, 27, 28, 29, 30, 31 and 32 are entitled to compete in the sweepstakes ring, Lot 35, and only animals awarded sweepstakes prizes in Lot 35, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize in Lot 36. Animals awarded sweepstakes prizes in Lot 35, and the Grand Sweepstakes prize in Lot 36, will be slaughtered in competition for the prizes in Lot 39. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 37, Heaviest Fat Sheep, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot without consultation. The awarding committee shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

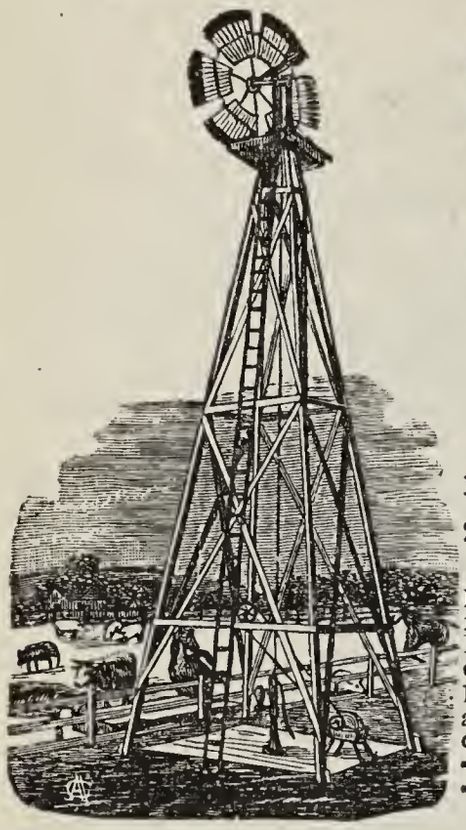
9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium, also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 39—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 36, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

If you propose buying a Windmill



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Vaneless Self-Regulating

WINDMILL

If you want the agency for the best windmill investigate the
MERITS OF THE CHAMPION.
Every mill fully warranted and ALWAYS gives Satisfaction.

20 years experience in the manufacture of Pumps and Windmills.

A 10-ft mill will pump from 50 to 300 barrels of water every 24 hours; it will handle a pump in a well 150 feet deep. Also manufacturers of the Star Wood Pumps, Door and Window Screens, Boss Sickle Grinders, Etc. To dealers we can offer Superior Inducements to handle our goods. Over 3,000 Dealers are now handling our manufactures. Also, manufacturers of Hunting, Fishing and Pleasure Boats. Send for catalogue A for Windmills and catalogue B for Boats.

POWELL & DOUGLAS,
WAUKEGAN, ILL., U. S. A.

OFFICE OF H. A. CASTLE & CO.,
Messrs. POWELL & DOUGLAS, Waukegan, Ill. CORRECTIONVILLE, IOWA, June 18, 1885.

Gents:—During the storm of Sunday evening, the 14th inst., all windmills (that we can hear of within twenty miles) were blown to pieces and made total wrecks, except your "Champion," or those that are made the same way. All the "Eclipse," "Woodmanse," "Stover," "Star" and others had to go. Barns and outbuildings were blown away, while your "Champion" STOOD THE STORM. Yours respectfully, H. A. CASTLE & CO.

SAY!

IF YOU WANT GRADE OR THOROUGHBRED

BULLS

Write me, or call and see me. I have listed for sale choice stock of all kinds.

B. A. HATHAWAY, Breeders' Agent,

UNION STOCK YARDS, CHICAGO, ILL.

HEADQUARTERS

—FOR—

THOROUGHBRED

POLAND-CHINAS



"KING STEVENS"
VOL. 5.

As produced and bred by A. C. MOORE & SONS, Canton, Ill. The best hog in the world. We have made a specialty of this breed for 39 years. We are the largest breeders of *thoroughbred Poland-Chinas* in the world, Shipped over 725 pigs in 1884, and could not supply the demand. We are raising 1,000 pigs for this season's trade. We have 160 sows and 10 males we are breeding from. Our breeders are all recorded in *American P. C. Record.* Photo cards of 43 breeders free. *Swine Journal* 25 cents in 2-cent stamps. Come and see our stock; if not as represented we will pay your expenses. Special rates by express.

MIDDLE WOOLS.

Lot 25—Southdown.

77 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
78 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
79 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 26—Shropshire.

80 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
81 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
82 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 27—Hampshire.

83 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
84 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
85 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 28—Oxford.

86 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
87 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
88 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 29—Cotswold.

89 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
90 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
91 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 30—Leicester.

92 Best Wether over 2 years old..... $25 00
Second best..... 15 00
Third best..... 10 00
93 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
94 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 31—Lincoln.

95 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
96 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
97 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 32—Grades or Crosses.

98 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
99 Best Wether 1 and under 2 years..... 25 00
Second best..... 15 00
Third best..... 10 00
100 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 33—Pure-Bred Middle Wools, by Ages.

101 Best Wether over 2 years old.....$50 00
102 Best Wether 1 and under 2 years..... 50 00
103 Best Wether under 1 year old..... 25 00

Lot 34—Pure-Bred Long Wools by Ages.

104 Best Wether over 2 years old.....$50 00
105 Best Wether 1 and under 2 years..... 50 00
106 Best Wether under 1 year..... 25 00

Lot 35—Sweepstakes.

107 Best Wether over 2 years old.....$50 00
108 Best Wether 1 and under 2 years..... 50 00
109 Best Wether under 1 year..... 25 00

Lot 36—Grand Sweepstakes.

110 Best Wether in show.....$50 00

Lot 37—Heaviest Fat Sheep.

Open to all.

111 Heaviest Wether, any age.....$25 00

Lot 38—Pen Wethers.

112 Best 5 fat Wethers 2 and under 3.....$50 00
113 Best 5 fat Wethers under 2 years..... 50 00

Lot 39—Dressed Carcass.

Not less than two entries shall be considered in each ring.

114 Best Carcass Wether over 2 years old.....$25 00
115 Best Carcass Wether 1 and under 2 years..... 25 00
116 Best Carcass Wether under 1 year.. 25 00

Lot 40—Dressed Carcass—Sweepstakes.

117 Best Carcass Wether any age.....$25 00

Lot 41—Gain per Day.

118 Wether showing greatest average gain per day, including weight at birth Entries to be accompanied by affidavit, giving exact age.....$50 00

Lot 42—Cost of Production.

Entries to be made on the prescribed form and verified by affidavit.

119 Wether over 2 years old, produced at the least cost per pound live weight.....$50 00

CLASS D.—Swine.

E. B. DAVID, SUPERINTENDENT.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building; or, if admitted, will be removed.

2. Entries must be made on or before November 1, 1885, by application to the Secretary at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of animal offered.

3. The fee for each hog will be $1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 43, 44, 45, 46, 47, 48, 49 and 50 are entitled to compete in the sweepstakes rings, Lot 52, and only animals awarded sweepstakes prizes in Lot 52, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 53. Animals awarded sweepstakes prizes in Lot 52, and the grand sweepstakes prize in Lot 53, will be slaughtered in competition for prizes in Lot 56. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 54, heaviest fat hog, will be kept off of feed and water twelve hours before making the award by the Superintendent of the Department.

8. All awards shall be made by ballot and without consultation. The awarding committee shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lot 56, carcasses, will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 53, grand sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder, and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

Lot 43—Berkshire.

120 Best Barrow 12 and under 18 months.....$20 00
Second best..... 15 00
Third best..... 10 00
121 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 44—Poland-China.

122 Best Barrow 12 and under 18 months.....$20 00
Second best..... 15 00
Third best..... 10 00
123 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 45—Chester White.

124 Best Barrow 12 and under 18 months..... $20 00
Second best..... 15 00
Third best..... 10 00
125 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 46—Essex.

126 Best Barrow 12 and under 18 months $20 00
Second best..... 15 00
Third best..... 10 00
127 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 47—Duroc Jersey Red.

128 Best Barrow 12 and under 18 months..... $20 00
Second best..... 15 00
Third best..... 10 00
129 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 48—Yorkshire and Suffolk.

130 Best Barrow 12 and under 18 months.....$20 00
Second best..... 15 00
Third best..... 10 00
131 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 49—Victoria.

132 Best Barrow 12 and under 18 months.....$20 00
Second best..... 15 00
Third best..... 10 00
133 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 50—Grades or Crosses.

134 Best Barrow 12 and under 18 months.....$20 00
Second best..... 15 00
Third best..... 10 00
135 Best Barrow under 1 year..... 20 00
Second best..... 15 00
Third best..... 10 00

Lot 51—All Breeds and Grades by Ages.

136 Best Barrow 12 and under 18 months.....$25 00
137 Best Barrow under 1 year..... 25 00

Lot 52—Sweepstakes.

138 Best Barrow shown in Lot 43—Berkshire.....$25 00
139 Best Barrow shown in Lot 44—Poland-China 25 00
140 Best Barrow shown in Lot 45—Chester White..... 25 00
141 Best Barrow shown in Lot 46—Essex..... 25 00
142 Best Barrow shown in Lot 47—Duroc Jersey Red..... 25 00
143 Best Barrow shown in Lot 48—Yorkshire and Suffolk 25 00
144 Best Barrow shown in Lot 49—Victoria 25 00
145 Best Barrow shown in Lot 50—Grades or Crosses..... 25 00

Lot 53—Grand Sweepstakes.

146 Best Barrow in the Show..... .....$50 00

Lot 54—Heaviest Fat Hog.

Open to all.

147 Heaviest Barrow of any age.....$25 00

Lot 55—Pen Barrows.

148 Best 5 fat Barrows 12 and under 18 months.....$75 00
149 Best 5 fat Barrows under 1 year..... 75 00

Lot 56—Dressed Carcass.

Not less than two entries will be considered in each ring.

150 Best Carcass of Barrow 12 and under 18 months.....$25 00
151 Best Carcass of Barrow under 1 year old..... 25 00

Lot 57—Gain Per Day.

152 Barrow showing largest average gain per day, including weight at birth. Entries to be accompanied by affidavit giving exact age $25 00

Lot 58—Cost of Production.

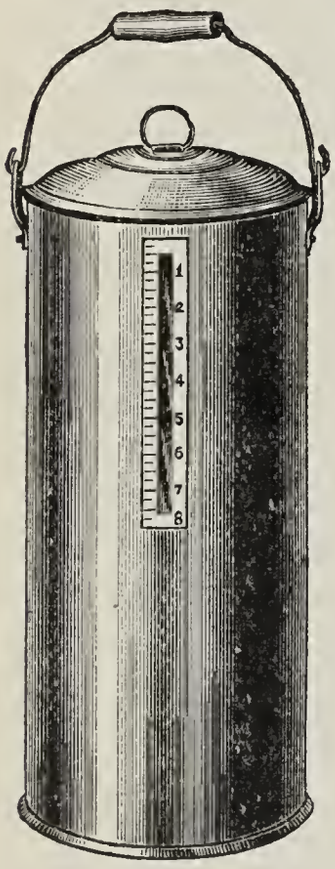
Entries to be made on the prescribed form and verified by affidavit.

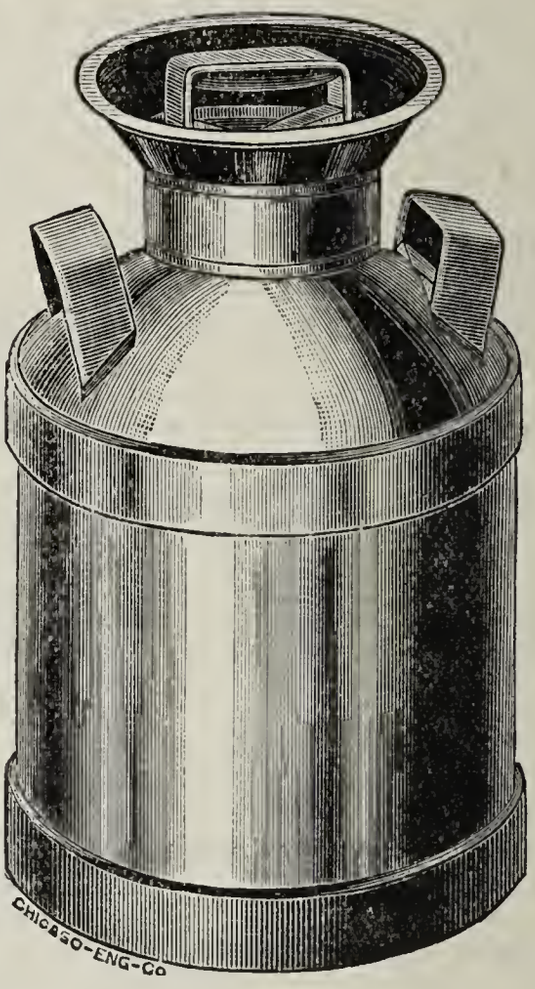
153 Barrow 12 and under 18 months, produced at the least cost per pound, live weight..... .....$25 00

D. H. ROE & CO.,

MANUFACTURERS OF

Butter and Cheese Making Apparatus





AND DEALERS IN

DAIRYMEN'S SUPPLIES

OF EVERY DESCRIPTION.

Complete Outfits for Creameries and Cheese Factories a Specialty.

Roe's Union Vat, Wire's Circular Self-Agitating Cheese Vat, Boilers, Engines, Presses, Churns, Butter-Workers, Cheese-Box Materials, Butter-Tubs and Everything Used in the Creamery, Cheese Factory and Dairy.

WRITE FOR CIRCULARS AND PRICES.

---

253 AND 255 EAST KINZIE STREET,

CHICAGO, ILL.

CLASS N—Dairy Department.

E. E. CHESTER, SUPERINTENDENT.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned. Entries must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish necessary blanks.

2. No premiums will be offered for Dairy Utensils, but every facility afforded for exhibition.

3. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitor's tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

4. Articles on exhibition cannot be removed until close of Show.

5. Awards will be made by an expert, with the following scale of points: Butter—Flavor 40, grain 30, color 15, salting 10, style of package 5; total 100. Cheese—Flavor 30, quality 30, texture 20, color 10, salting 10; total, 100.

6. All statements of facts required of exhibitors must be in writing and forwarded with the application for entry.

7. Each entry in Lots 59, 60, 61 and 62 must be accompanied by a statement of time, place and mode of manufacture.

P. Moran & Co., 107 South Water Street, Chicago; T. D. Randall & Co., 219 South Water street, Chicago, and others, will receive shipments of butter and cheese, place the same on exhibition, and at the close of the show make such disposition of the same as the consignee may direct.

Lot 59—Butter.

154	Best two packages of not less than 50 pounds each of Creamery Butter made in May or June,	$25 00
	Second best	15 00
	Third best	10 00
155	Best two packages of not less than 50 pounds each of Creamery Butter made at any time	25 00
	Second best	15 00
	Third best	10 00
156	Best package of not less than 20 pounds Dairy Butter made at any time	25 00
	Second best	15 00
	Third best	10 00
157	Best five prints or rolls of not more than one pound each	15 00
	Second best	10 00
158	Best sample Granulated Butter shown in glass	10 00
	Second best	5 00
159	Best sample of Butter of not less than five pounds made from the milk of one cow	10 00
	Second best	5 00
160	Best exhibit of Fancy Print Butter in shipping case for home market	10 00
	Second best	5 00

Best sample of not less than five pounds of Butter made from the milk of one recorded cow of each of the following breeds:

161	Jersey Butter	$5 00
162	Guernsey Butter	5 00
163	Ayrshire Butter	5 00
164	Holstein or Friesian Butter	5 00
165	Devon Butter	5 00
166	Short-Horn Butter	5 00
167	Hereford Butter	5 00
168	Angus or Galloway Butter	5 00
169	Best sample Milk (from one recorded cow of any of the above named breeds) produced in 24 hours, from which the greatest amount of butter is obtained	10 00
	Second best	5 00
170	Best 10 pounds of Butter made in the Exposition Building during the Show	10 00
	Second best	5 00
171	Best packages of Butter of not less than 50 pounds, the premium to be divided *pro rata* among all the entries scoring 85 or more points, in proportion to the amount each may score	200 00
172	Best and largest display of Butter by one manufacturer	50 00
173	Best package of Butter of not less than 50 pounds	50 00

CHAS. P. WILLARD & CO.

280, 282 & 284 MICHIGAN STREET, CHICAGO.



WHOLESALE DEALERS IN

Creamery Apparatus AND Supplies.

Cheese Factory and Creamery Outfits, Cheese and Creamery Vats, Cheese Presses, Creamery and Family Churns, Butter-Workers, Salt, Coloring, Cheese and Butter Cloths, Butter Tubs and Boxes, and everything used in Cheese Factory, Creamery or Private Dairy. Send for free copy of Catalogue.

IF YOU THINK OF BUYING A

CENTRIFUGAL CREAM SEPARATOR,

WRITE US, OR COME AND SEE US. WE HAVE BOTH THE

DANISH-WESTON AND THE DE LAVAL SEPARATORS

In stock, and can fill all orders promptly. Among the recent additions to our line of goods, to which we invite the inspection of all buyers, are the following:

THE DANISH-WESTON CENTRIFUGAL CREAM SEPARATOR,
THE DE LAVAL CREAM SEPARATOR,
THE SHOCK AND BOLANDER TESTING CHURN,
THE CHERRY TEST CHURN,
THE FAIRLAMB JACKETED TRANSPORTATION CAN,
THE CHERRY JACKETED CREAM-CARRYING CAN,
THE HANEY JACKETED CREAM CAN,
THE UNION CREAMERY VAT.

ALSO A FULL LINE OF OUR

CREAMERY ENGINES

That are running in more Creameries than any other make of Engines in the country.

IF YOU HAVE NOT RECEIVED OUR CATALOGUE, SEND FOR IT.

Lot 60—Special Prizes offered by Citizens of Chicago.

Best package of Butter of not less than 50 pounds, made in each of the following States :

174 Package Butter made in Illinois....$10 00
175 Package Butter made in Indiana... 10 00
176 Package Butter made in Iowa 10 00
177 Package Butter made in Michigan. 10 00
178 Package Butter made in Minnesota 10 00
179 Package Butter made in Wisconsin 10 00
180 Package Butter made in Nebraska. 10 00
181 Package Butter made in Kansas.... 10 00
182 Package Butter made in Ohio 10 00
183 Package Butter made in Canada or any State not named above..... 10 00
184 For best package of Butter of not less than 50 pounds, exhibited in lot 60, Giles Bros., Jewelers, Chicago, offer a Gold Watch with dust-proof and anti-magnetic case, value 100 00

Lot 61—Cheese.

185 Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made in May or June.....$25 00
Second best..... 15 00
Third best..... 10 00
186 Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made at any time 25 00
Second best..... 15 00
Third best..... 10 00
187 Best three cases of Cheese, flat, of not less than 30 pounds each, made at any time..... 25 00
Second best..... 15 00
Third best..... 10 00
188 Best case Young America Cheese... 15 00
Second best..... 10 00
189 Best 20 pounds Limburger Cheese in foil..... 15 00
Second best..... 10 00
190 Best case Switzer Cheese..... 15 00
Second best..... 10 00
191 Best case Full Cream Cheese, any other variety, American manufacture..... 15 00
Second best..... 10 00
192 Best and largest display of Cheese by one manufacturer..... 50 00
193 Best three cases of Cheese, the premium to be divided *pro rata* among all the entries scoring 85 or more points, in proportion to the amount each may score.200 00
194 Best lot Cheese, not less than 50 pounds..... 50 00
195 Best and largest display of Butter and Cheese by a dealer..... 50 00

Lot 62—Special Prizes offered by Citizens of Chicago.

Best lot of Cheese of not less than 50 pounds made in each of the following States :

196 Cheese made in Illinois.....$10 00
197 Cheese made in Indiana..... 10 00
198 Cheese made in Iowa 10 00
199 Cheese made in Michigan..... 10 00
200 Cheese made in Minnesota 10 00
201 Cheese made in Wisconsin..... 10 00
202 Cheese made in Nebraska..... 10 00
203 Cheese made in Kansas..... ..... 10 00
204 Cheese made in Ohio.... .... 10 00
205 Cheese made in Canada or any State not named above..... 10 00
206 For best lot of Cheese of not less than 50 pounds, exhibited in lot 62, the Victor Grinding Mill Co., of Chicago, offer a Victor Grinding Mill with Horse-power, value 75 00

Dairy Implements.

Lot 63—Butter-making Utensils.

207 Revolving Churn.
208 Churn with Masher or Float.
209 Factory Churn.
210 Power Butter-worker.
211 Butter-worker for Farm Dairies.
212 Butter Tray and Board.
213 Butter Ladle.
214 Butter Mold.
215 Butter Stamp.
216 Butter Printer.
217 Best general display of Utensils for Butter-making.....Diploma

Lot 64—Cheese-making Utensils.

218 Cheese Press.
219 Cheese Vat.
220 Curd Mill.
221 Currying Can.
222 Set of Scales.
223 Milk Pail.
224 Machine for making Cheese Boxes.
225 Tin or Metal Cans for Dairy Use.
226 Best general display of Utensils for Cheese-making .....Diploma

Lot 65—Cream-raising Utensils.

227 Cans for gathered Cream.
228 Carrying-Can for Cream.
229 Display Cans or Creamers for Dairy use.
230 Display Cream Extractors.....S. M.

Lot 66—Machinery for Dairy Use.

231 Best display Engine and Boiler, complete.....Dip.
232 Engines.
233 Boilers.
234 Horse Powers.
235 Dog or Animal Powers.
236 Wagon or Device for transporting Cream from Farm to the Creamery.
237 Device for attaching Wind-Mill to the Churn.
238 Motor for Dairy or Creamery use.

Lot 67—Butter and Cheese Packages.

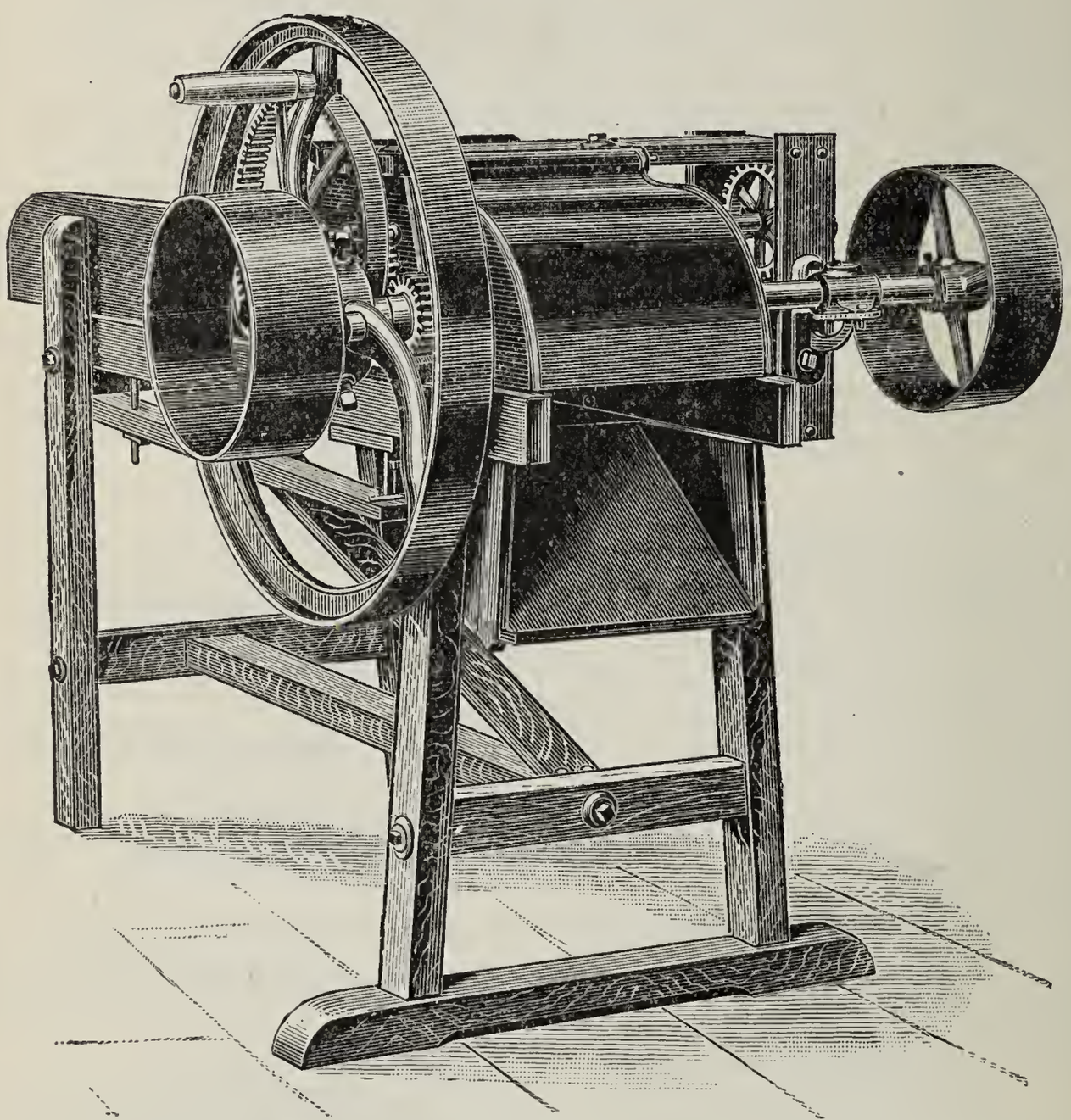
239 Display Butter Tubs.
240 Display Firkins and Half-Firkins.
241 Display Butter Pails.
242 Display Butter Tubs, other than oak, ash or spruce.
243 Display Shipping Boxes for Print Butter.
244 Display Cheese Boxes.
245 Display Fancy Packages.
246 Display Metal Packages.
247 Display Shipping Cans for Print Butter.
248 Display Refrigerators for storing Butter.
249 Display of Butter Color.
250 Best Refrigerator Car .....Dip.
251 Most artistic display of Dairy Salt ....Dip.

GOULDS & AUSTIN,

167 & 169 LAKE STREET,

— GENERAL AGENTS FOR THE —

Celebrated Ross Ensilage AND Fodder Cutters



(ROSS—No. 11 A.)

Nine Sizes; Capacity, 500 to 40,000 pounds per hour; Upward Cut; Safety Fly-wheel; Adjustable Feed. The Best Cutter in the World.

FATTEN YOUR LEAN STOCK AND KEEP YOUR FAT STOCK FAT BY USING THE ROSS CUTTER.

No Farmer, Dairyman or Stock-Raiser should be without the Ross Cutter.

GOULDS & AUSTIN, GENERAL AGENTS,

CHICAGO.

☞Send for Catalogue and Book on Ensilage.

Special Premiums for the American Fat Stock and Dairy Show for 1885.

Class A—Cattle.

Lot 2—Herefords.

The American Hereford Cattle Breeders' Association will duplicate premiums awarded pure bred Hereford and Grade Hereford Cattle exhibited at the Eighth American Fat Stock and Dairy Show, and in addition offer the following:

BREEDERS' RING.

Bred and owned by Exhibitor.

5	Best Hereford Steer or Spayed Heifer 3 and under 4	$30 00
	Second best	20 00
	Third best	10 00
6	Best Hereford Steer or Spayed Heifer 2 and under 3	30 00
	Second best	20 00
	Third best	10 00
7	Best Hereford Steer or Spayed Heifer 1 and under 2	30 00
	Second best	20 00
	Third best	10 00

GRADES BY HEREFORD BULL.

Best Grade Steer or Spayed Heifer 3 and under 4	$30 00
Second best	20 00
Third best	10 00
Best Grade Steer or Spayed Heifer 2 and under 3	30 00
Second best	20 00
Third best	10 00
Best Grade Steer or Spayed Heifer 1 and under 2	30 00
Second best	20 00
Third best	10 00

Lot 4—Aberdeen-Angus.

The American Aberdeen-Angus Association will duplicate premiums awarded Aberdeen Cattle or their Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 5—Holstein-Friesian.

The Holstein-Friesian Association of America will duplicate premiums awarded pure-bred Holstein-Friesian Cattle or Holstein-Friesian Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 8—All Breeds and Grades, by Ages.

29	Best Steer or Spayed Cow 3 and under 4 years, The W. W. Kimball Company, Chicago, offer Parlor Organ, valued at	$275 00
30	Best Steer or Spayed Heifer 2 and under 3 years, Fairbanks, Morse & Co., Chicago, offer one Four-ton Seale with Double Beam and Weigh Box, valued at	170 00
31	Best Steer or Spayed Heifer 1 and under 2 years, H. C. Staver Implement Co., Chicago, offer a New Buckeye Feed Mill, valued at	80 00
32	Best Steer or Spayed Heifer under 1 year, G. D. Colton & Co., Galesburg, Ill., offer a Colton's "New Deal" Rotary Corn Planter and Check Rower combined, value	70 00

Lot 9—Sweepstakes.

Thorley Food Company, 39 Franklin street, Chicago, offer premiums as follows:

33	Best animal shown in Lot 1, Short-Horns, 50 pounds Thorley Food, value	$7 50
34	Best animal shown in Lot 2, Herefords, 50 pounds Thorley Food, value	7 50
35	Best animal shown in Lot 3, Devons, 50 pounds Thorley Food, value	7 50
36	Best animal shown in Lot 4, Aberdeen-Angus or Galloway, 50 pounds Thorley Food, value	7 50
37	Best animal shown in Lot 5, Holstein-Friesian, 50 pounds Thorley Food, value	7 50
38	Best animal shown in Lot 6, Grades or Crosses, 50 pounds Thorley Food, value	7 50
39	Best animal shown in Lot 7, Range Cattle, 50 pounds Thorley Food, value	7 50
40	The Polled Cattle Society of North Britain, offer for the best Steer, Spayed Cow or Heifer, of the Aberdeen-Angus breed, exhibited at the American Fat Stock and Dairy Show of 1885, a gold medal of £10. Value	50 00

Lot 10—Grand Sweepstakes.

41	Best Steer or Cow in the Show, bred and raised by exhibitor, J. H. Sanders & Co., of Chicago, offer the *Breeders' Gazette* Challenge Gold Medal, valued at	125 00

This medal to be won two years in succession or any three years by the same person before it becomes his absolute property.

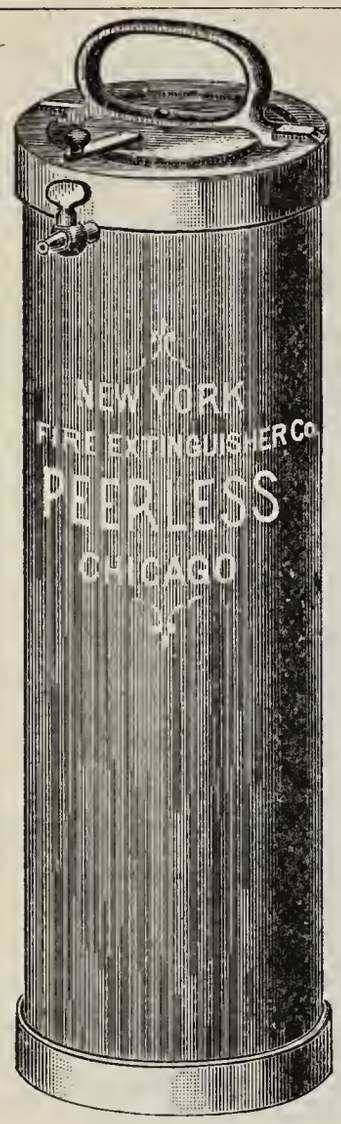
Lot 11—Pen of Cattle.

42	Best five Steers or Spayed Cows 3 and under 4 years, Marshall Field & Co., Chicago, cash	$100 00
43	Best five Steers or Spayed Heifers 2 and under 3 years, Marshall Field & Co., Chicago, cash	100 00
44	Best five Steers or Spayed Heifers 1 and under 2 years, Marshall Field & Co., Chicago, cash	100 00
	E. W. Blatchford & Co., of Chicago, offer for the best five Steers or Spayed Heifers, of any age or breed, exhibited at the American Fat Stock and Dairy Show of 1885	50 00

Lot 12—Dressed Carcass.

Thorley Food Company, 39 Franklin street, Chicago, offer premiums as follows:

45	Best Carcass Steer or Spayed Cow 3 and under 4 years, 50 pounds Thorley Food, value	$7 50
46	Best Carcass of Steer or Spayed Heifer 2 and under 3 years, 50 pounds Thorley Food, value	7 50
47	Best Carcass of Steer or Spayed Heifer 1 and under 2 years, 50 pounds Thorley Food, value	7 50



Protect Your Houses and Barns.

BUY

NEW YORK

Chemical Fire Extinguisher.

Every man can have a Chemical Engine for $15.00.

Indorsed by Insurance Companies and guaranteed the best apparatus ever known.

Simple and indestructible.

New York Fire Extinguisher Co.

67 & 68 Calumet Building,

187 to 191 La Salle Street,

AGENTS WANTED. Chicago.



MANUFACTURED BY **KEYSTONE M'F'G CO.** STERLING, ILL.

YOU ARE CORDIALLY INVITED

To Visit the Parlors of the

COMPOUND OXYGEN HEALTH CO.

AT McVICKER'S THEATRE BUILDING.

Try this Wonderful Remedy **FREE OF CHARGE.** A valuable book sent free. Expressed to all parts of the world.

C. A. CUTLER, M. D., Pres't.

Class B—Horses.

The following prizes have been donated by the manufacturers, to encourage the exhibition of Horses, but have been designated by the Committee of the Board of Agriculture to the different breeds.

Lot 22—Norman-Percheron.

STUD PRIZE.

I. L. Ellwood, DeKalb, Illinois, offers for five best French Draft Stallions over 2 years old, imported in 1885, owned by one party, with or without certificate of registry in France.....$100 00

Best Stallion 3 years old or over, Studebaker Bros. Mfg. Co., South Bend, Ind., offer a Studebaker Farm Wagon, complete, value..... 125 00

Lot 23—Clydesdale.

Best Stallion 3 years old or over, David Bradley Mfg. Co., Chicago, offer Swing Beam Sulky Plow, valued at..... 60 00

Best Stallion 2 and under 3 years old, Walter A. Wood Mowing and Reaping Machine Co., Chicago, offer one Iron-Cased Mower, value..... 75 00

Lot 24—English Shire.

Best Stallion 3 years old or over, Schuttler & Hotz, Chicago, offer an entirely new style of Self-dumping Farm Cart with 3¼-inch patent steel skeins; wheels 4 ft. 8 in. high; tire, 1½ in. wide; with a convertible dash that can be used as a seat, and a mechanical dumping arrangement that lifts the tail-board up out of the way in the act of dumping—a totally new and original device, that will please every farmer and stockman, valued at..... $75 00

Best Stallion 2 and under 3 years old, Garfield Mfg. Co., Chicago, offer a handsomely ornamented Bridle, Surcingle and Blanket, value..... 25 00

Best Roadster, Mare or Gelding.

Abbott Buggy Company, of Chicago, offer a Perry Road Cart, awarded Gold Medal at World's Fair, New Orleans, value.....$100 00

Best pair Roadster Mares, Geldings or Stallions, owned at the time of exhibition by a farmer or breeder who bred and raised the team, McCormick Harvesting Manufacturing Company, of Chicago, offer an Iron Mower, value..... 75 00

Best pair Carriage Horses, Mares or Geldings, J. M. W. Jones, Chicago, offers Letter Press and Stand, value. 25 00

Best Saddle Horse, The Kent Publishing Co., 70 Monroe street, Chicago, offer a Gold-Mounted Riding Whip, value..... 20 00

Best Saddle Horse, the P. Hayden Saddlery Hardware Co., 45 and 47 Lake street, Chicago, offer one Gentleman's Riding Saddle, value..... 25 00

Best Shetland Pony, The Meriden Britania Co., A. L. Sercomb, Manager, Chicago, offer Silver Cup, value..... 25 00

Best Saddle Pony, L. Adams & Co., Clothiers, cor. Clark and Adams sts., Chicago, offer solid Silver Cup, value..... 15 00

CLASS C—Sheep.

Lot 35—Sweepstakes.

The Thorley Food Co., 39 Franklin street, Chicago, offer premiums as follows:

107 Best Wether over 2 years old, 25 pounds Thorley Food, value..... $4 00

108 Best Wether 1 and under 2 years old, 25 pounds Thorley Food, value..... 4 00

109 Best Wether under 1 year old, 25 pounds Thorley food, value..... 4 00

E. W. Blatchford & Co., of Chicago, offer for the best five fat Wethers of any age or breed exhibited at the American Fat Stock and Dairy Show of 1885, one ton of Blatchford's Royal Stock Food, valued at..... 27 50

Lot 38—Pen Wethers.

112 Best 5 Fat Wethers over 2 years old, Marshall Field & Co., Chicago, cash.....$100 00

CLASS D—Swine.

Lot 52—Sweepstakes.

The Thorley Food Co., 39 Franklin street, Chicago, offer premiums as follows:

138 Best Barrow shown in Lot 43, Berkshires, 25 pounds Thorley Food, value..... 4 00

139 Best Barrow shown in Lot 44, Poland China, 25 pounds Thorley Food, value..... 4 00

140 Best Barrow shown in Lot 45, Chester White, 25 pounds Thorley Food, value..... 4 00

141 Best Barrow shown in Lot 46, Essex, 25 pounds Thorley Food, value..... 4 00

142 Best Barrow shown in Lot 47, Duroc Jersey Red, 25 pounds Thorley Food, value..... 4 00

143 Best Barrow shown in Lot 48, Yorkshire and Suffolk, 25 pounds Thorley Food, value..... 4 00

144 Best Barrow shown in Lot 49, Victoria, 25 pounds Thorley Food, value..... 4 00

145 Best Barrow shown in Lot 50, Grades and Crosses, 25 pounds Thorley Food, value..... 4 00

Lot 55—Pen Barrows.

148 Best five Fat Barrows 12 and under 18 months, Marshall Field & Co., Chicago, cash.....$100 00

149 Best five Fat Barrows under 1 year, Rice, Whitacre & Co., Chicago, a No. 2 Triumph Feed Steamer, value..... 60 00

CLASS N.—Dairy.

Lot 59—Butter.

The National Butter, Cheese and Egg Association offer for the

173 Best tub of Butter of not less than 50 pounds, Gold Medal, value.....$100 00

THE HAWKEYE HAY LOADER

IS THE ONLY LOADER THAT WILL LOAD FROM THE SWATH



A Hay Loader that will take the hay from either the swath or windrow has superior advantages over a machine that will take only from the windrow. Hay can be taken from the swath and loaded on the wagon with the Hawkeye Hay Loader in nearly the same time that it can be raked in windrows with the Horse-Rake.

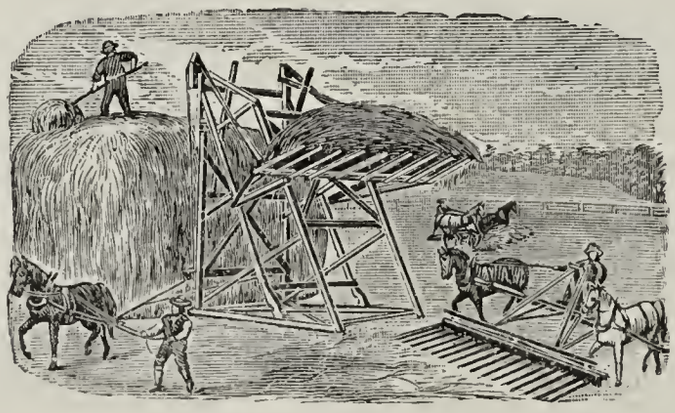
☞ **Remember the Hawkeye Hay Loader takes the Hay either from swath or windrow, while other machines will not.**

BEAN'S HAY STACKER

The ease of carrying hay up by means of our Stacker is evident. By this principle a heavier weight can be raised than by any other combination. The

DOUBLE TRACK,

with our slant, is nearly equal to an incline of



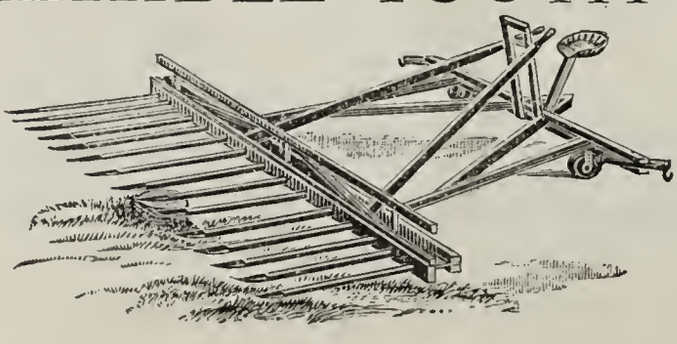
twice the length. We can carry the hay up to any height without any additional power. One horse runs the machine all day without tiring, elevating the heaviest loads from our eighteen-foot Rake. Our machine has proved itself eminently successful in all kinds of hay.

OUR FLEXIBLE TOOTH RAKE

IS THE

Best Rake

MADE.



The teeth being adjustable will pass evenly over rough ground, stumps or stones.

MANUFACTURED BY

CHAMBERS, BERING, QUINLAN CO.

DECATUR, ILLINOIS.

Potter Palmer, of the Palmer House, Chicago, offers for the

173 Best tub of Butter of not less than 50 pounds, cash..... $50 00

The De Laval Cream Separator Company, 92 Lake street, offer for the

173 Best tub of Butter of not less than 50 pounds, cash..... $50 00

Drake, Parker & Co, of the Grand Pacific Hotel, Chicago, offer for the

173 Best tub of Butter of not less than 50 pounds, the Butter to be the property of Drake, Parker & Co., cash..... $50 00

P. Moran & Co., dealers in Dairy Products, 107 South Water street, offer for the

Best tub of Creamery Butter, of not less than 50 pounds, salted with Rice's "Pure Dairy Salt," cash.. $25 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 50 pounds, made in a whole-milk factory by the Cooley Submerged Process, No. 3 Cooley Creamer, value..... 40 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 50 pounds, made in a creamery by the Cooley Submerged Process, from gathered cream, No. 3 Cooley Creamer, value..... 40 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 20 pounds, made by the Cooley Submerged Proeess, No. 2 Cooley Creamer, value..... 30 00

The Thorley Food Company, 39 Franklin street, Chicago, offers for the best results in increasing the quantity of Butter and Milk during a period of 30 days, the cow to be fed as per direction on Thorley Food, the Butter to be the property of the Thorley Food Co., 200 pounds Thorley Food, value..... 25 00

The Thorley Food Co., 39 Franklin street, Chicago, offers for best sample of Butter made from the milk of one recorded cow of the following breeds:

Best 5 pounds Butter made from the milk of one Native or Grade Cow, 25 pounds Thorley Food, value... $4 00

161 Best 5 pounds Butter, Jersey Cow, 25 pounds Thorley Food, value... 4 00

162 Best 5 pounds Butter, Guernsey Cow, 25 pounds Thorley Food, value..... 4 00

163 Best 5 pounds Butter, Ayrshire Cow, 25 pounds Thorley Food, value..... 4 00

164 Best 5 pounds Butter, Holstein-Friesian Cow, 25 pounds Thorley Food, value..... 4 00

165 Best 5 pounds Butter, Devon Cow, 25 pounds Thorley Food, value... 4 00

166 Best 5 pounds Butter, Short-Horn Cow, 25 pounds Thorley Food, value..... 4 00

167 Best 5 pounds Butter, Hereford Cow, 25 pounds Thorley Food, value..... 4 00

168 Best 5 pounds Butter, Angus Cow, 35 pounds Thorley Food, value... 4 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer for the manufacturer—

156 For best package of not less than 20 pounds Dairy Butter, made at any time, one Lever Butter-Worker, made by H. H. Palmer & Co., of Rockford, Ill., value..... $5 00

Moseley's Pritchard Manufacturing Co., of Clinton, Iowa, offer for the best display of granulated butter made in farm dairy, Moseley's No. 6 Occident Creamery with Refrigerator combined, value, $40.00. The application to be accompanied with plain and intelligent directions for making same, together with an essay on the advantages of making butter in granulated form.

E. W. Blatchford & Co., of Chicago, offer for the

169 Best sample Milk from one recorded cow, produced in 24 hours, from which the greatest amount or butter is obtained, one ton Blatchford's Royal Stock Food, valued at..... $27 50

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer—

157 For best 5 pounds or rolls of Butter of not more than 1 pound each, one Nesbit Butter Printing Machine, made by the Vermont Farm Machine Company, Bellows Falls, Vt., value..... $6 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer—

158 For best sample granulated Butter shown in glass, one No. 2 Boss Churn, made by H. H. Palmer & Co., Rockford, Ill., value.. $7 00

Chas. P. Willard & Co.. dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufaeturer—

159 For best sample of Butter of not less than 5 pounds, made from the milk of one cow, one No. 3 Davis Swing Churn, made by the Vermont Farm Machine Co., Bellows Falls, Vt., value.....$10 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer—

160 For best exhibit of fancy print Butter in shipping case for home market, one Crowell Thermometer Churn, made by the Ames Plow Co., Boston, Mass., value $8 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer—

172 For largest and best display of Butter by one manufacturer, Butter and Cheese Color, made at Hansen's Laboratory, Little Falls, N. Y., value. $25 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for best tub of Creamery Butter of not less than 50 pounds, made with churn and butter worker of their make, 300-gallon Curtis Factory Churn, value..... 40 00

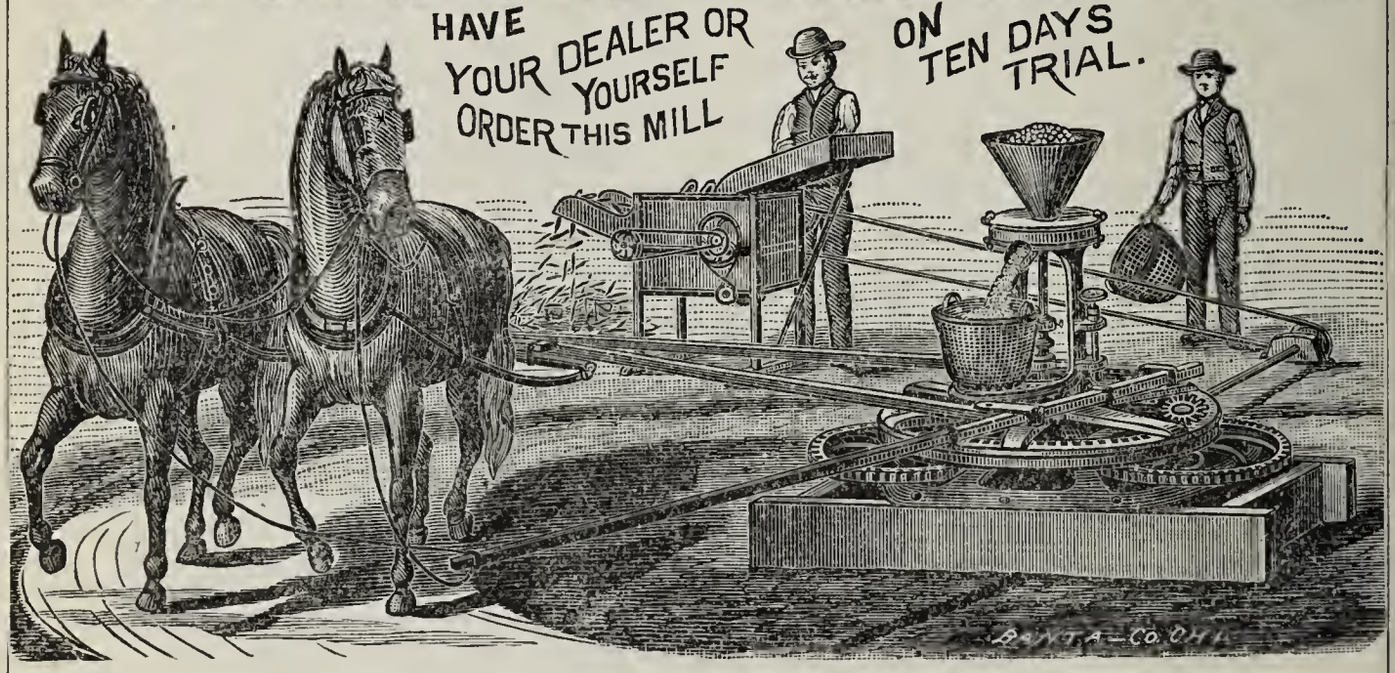
Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for the best tub of Farm-made Butter of not less than 20 pounds, made with a Rectangular Churn, the following—

No. 3 Rectangular Churn	$9 00
No. 1 Lever Butter-worker	6 50
One Butter Tray	3 00
Two Spoon Ladles	50
One Thermometer	50
One Butter Mold	50
	$20 00

SOMETHING EVERY FARMER WANTS

GRIND YOUR OWN FEED WITH

THE NEW BUCKEYE MILL AND HORSE POWER COMBINED



WARRANTED IN EVERY PARTICULAR.

CUT YOUR STALKS AND HAY WITH THE

Buckeye Feed Cutter!

SHELL YOUR CORN WITH THE

Buckeye Corn Sheller!

SAW YOUR WOOD WITH THE

Buckeye Wood Saw!

All of these machines can be run with power furnished by the *New Buckeye Feed Mill and Horse Power Combined*, and all will be on exhibition at the American Fat Stock Show.

DO NOT FAIL TO SEE THEM IN OPERATION.

For Prices and Circulars, call on or address

THE H. C. STAVER IMPLEMENT CO.

31 & 33 N. Canal Street, CHICAGO.

Lot 60—Butter—State Exhibit.

The Iowa Dairymen's Association offer for the
176 Best tub of Butter of not less than 50 pounds, made in Iowa, cash prize.....$50 00

The Illinois Dairymen's Association offer for the
174 Best tub of Butter of not less than 50 pounds, made in Illinois, cash prize.....$50 00

The Minnesota Dairymen's Association offer for the
178 Best tub of Butter of not less than 50 pounds, made in Minnesota, cash prize.....$50 00

Lot 61—Cheese.

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer—
196 For best lot of Cheese of not less than 50 pounds, made in Illinois, one Anderson Steamer, made by Haxtun Steam Heater Co., Kewanee, Ill., value.....$55 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer—
192 For best display of Cheese by one manufacturer, Butter or Cheese Color made by Wells & Richardson, Burlington, Vt., value.....$25 00

Chas. P. Willard & Co, dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer—
194 For best lot of Cheese of not less than 50 pounds, five sacks Higgin's Eureka Salt, made by the Higgin Eureka Salt Co., Liverpool, England, value.....$13 00

Drake, Parker & Co., of the Grand Pacific Hotel, offer for the
194 Best lot of Cheese, not less than 50 pounds, the Cheese to be the property of Drake, Parker & Co., cash prize.....$50 00

Potter Palmer, of the Palmer House, Chicago, offers for the
Best lot of Creamery Cheese of not less than 50 pounds, cash.....$50 00

J. C. Vaughan, Seedsman, 42 La Salle st., Chicago, offers for the
194 Best lot of Cheese, not less than 50 pounds, No. 2 New England Root Cutter, value.....$14 00

Lot 62—Cheese—State Exhibit.

The Illinois Dairymen's Association offer for the
196 Best lot of three Cheeses, not less than 50 pounds, made in Illinois, cash prize.....$50 00

TWELFTH ANNUAL MEETING ILLINOIS DAIRYMEN'S ASSOCIATION

WILL BE HELD AT

BELVIDERE, ILLINOIS, DECEMBER 9, 10 AND 11, 1885.

R. P. McGLINCY, SEC'Y, Elgin, Ill. H. B. GURLER, PRES'T, DeKalb, Ill.

THE ILLINOIS HORTICULTURAL SOCIETY

Will hold its annual meeting at Centralia, December 8, 9 and 10, 1885.

The Society will hold a Fruit Exhibit in connection with the meeting.

A. C. HAMMOND, SECRETARY, Warsaw. J. M. PEARSON, PRESIDENT, Godfrey.

H. M. DUNLAP, ASSISTANT SECRETARY, Savoy.

DONATIONS.

The following cash subscriptions have been made in Chicago to the General Premium Fund of the Fat Stock and Dairy Show for 1885:

Union Stock Yards and Transit Co., John B. Sherman, Manager	$3,000
Chicago Board of Trade	500
Grand Pacific Hotel, John B. Drake & Co., Proprietors	250
Sherman House, J. Irving Pearce, Proprietor	250
Palmer House, Palmer House Co., Proprietors	100
Leland Hotel, Warren F. Leland, Proprietor	50
Burke's Hotel	25
Clifton House, Woodcock & Funny, Proprietors	25
Commercial Hotel, C. W. Dabb & Co., Proprietors	25
McCoy Hotel, Wm. McCoy, Proprietor	25
Windsor European Hotel, 145 Dearborn street, Samuel Gregsten, Prop	25
Brevoort House, 143 Madison street, Benjamin & Wentworth, Props	25
Tremont House, John A. Rice & Co., Proprietors	25
Armour & Co	100
M. McDonald	100
E. J. Lehmann	50
Chas. P. Willard & Co	50
L. Adams & Co	25
A. H. Blackall	10
N. Matson & Co	10
Schlesinger & Mayer	10
S. Shick	10

J. S. COOPER,

HORSE AND MULE MARKET.



STABLES:

174 and 175 Michigan Avenue,

CHICAGO, ILL.

HORSES and MULES ON HAND AND FOR SALE AT ALL TIMES.



☞Special attention given to selling on Commission. Stock cared for in a proper manner and on reasonable terms. Men furnished, free of charge, to bring stock from cars or boat.

CASH ADVANCES MADE ON STOCK CONSIGNED TO ME.

Special Prizes.

The following prizes have been offered since the publication of the Premium List of the American Fat Stock and Dairy Show :

The *Chicago Mail* offers a cash prize of Twenty Dollars for the best original essay or composition written by a newsboy on "What I Saw at The Fat Stock and Dairy Show." Essays must be sent to the Hon. Allan C. Rush, Sherman House, Chicago. The full name and address must be given, so that the identity of the writer can be established before the prize is awarded.

THE HATTON-SNOWDEN CO., by FRANK HATTON, *Pres't.*

J. H. Sanders, Esq , of the *Breeders' Gazette*, of Chicago, offers a gold medal for the best Palace Live Stock Car, for the transportation of horses exhibited at the American Fat Stock and Dairy Show, to be held in Chicago, November 10-19, 1885.

Awards to be based on the following points :

1. General strength and durability of construction.

2. The adjustment of springs and brakes that assures the greatest comfort to animals when train is in motion, and most effectually prevents injury in starting and stopping.

3. Convenience in loading and unloading stock, and watering and feeding stock in transit.

4. Facility in constructing single stalls into double and triple, in case of sickness or accident.

5. Economy of space.

6. Carrying capacity in numbers.

7. Perfection and convenience of ventilation.

A. M. Simmons, Esq., of Chicago, Illinois, offers a gold medal for the best Refrigerator Car for the transportation of beef and dairy products exhibited at the American Fat Stock and Dairy Show, held in Chicago, November 10-19, 1885.

Awards to be based on the following points :

1. A record of the longest continuous transit during the months of July or August, *without re-icing or use of salt*, of a car loaded with fresh beef or dairy products.

2. The least variation of temperature from time of loading the car with either dressed beef or dairy products, until the same was unloaded, *without re-icing or use of salt.*

THE

Lake Shore & Michigan Southern R'y

AND ITS CONNECTIONS

Forms the Great Thoroughfare between the

EAST AND WEST

And experienced Travelers will tell you it is the

BEST ROUTE BY A LARGE MAJORITY.

This line is a DOUBLE TRACK Railway, and the ONLY ROUTE running Solid Trains between CHICAGO and BUFFALO through Union Depots for all connections.

Its equipment is first-class in every respect, such as perfect Road Bed, Iron and Stone Bridges, Westinghouse Automatic Safety Brakes, Miller Platform Coupler and Buffer, magnificent Parlor Coaches for day travel, Elegant Day Coaches, and the Palace Sleeping Coaches—well, words are inadequate to express their durability and splendor. They are simply superb. These coaches are run daily through between

CHICAGO, NEW YORK AND BOSTON WITHOUT CHANGE.

One great feature of this line is that it is the ***ONLY ROUTE*** between Chicago and the East that is totally devoid of ***FERRY BOATS,*** and the traveling public should certainly appreciate this great advantage over all other lines, as transfers by ferries are very tedious and annoying to the traveler who is anxious to reach the objective point without delay. Further comments are unnecessary.

This is the Route of the Fastest Train in the World for the Distance, and also the Fast Mail.

All Agents sell tickets via this popular line, and when passengers ask for them over the "LAKE SHORE" they smile and say you are on the right track, and *they know.*

By all means purchase your tickets via this popular line, and you will be happy.

W. P. JOHNSON,
General Passenger Agent,
CHICAGO, ILL.

P. P. WRIGHT,
General Superintendent,
CLEVELAND, OHIO.

CATALOGUE

OF THE

EIGHTH ANNUAL

American Fat Stock AND Dairy Show

HELD IN THE

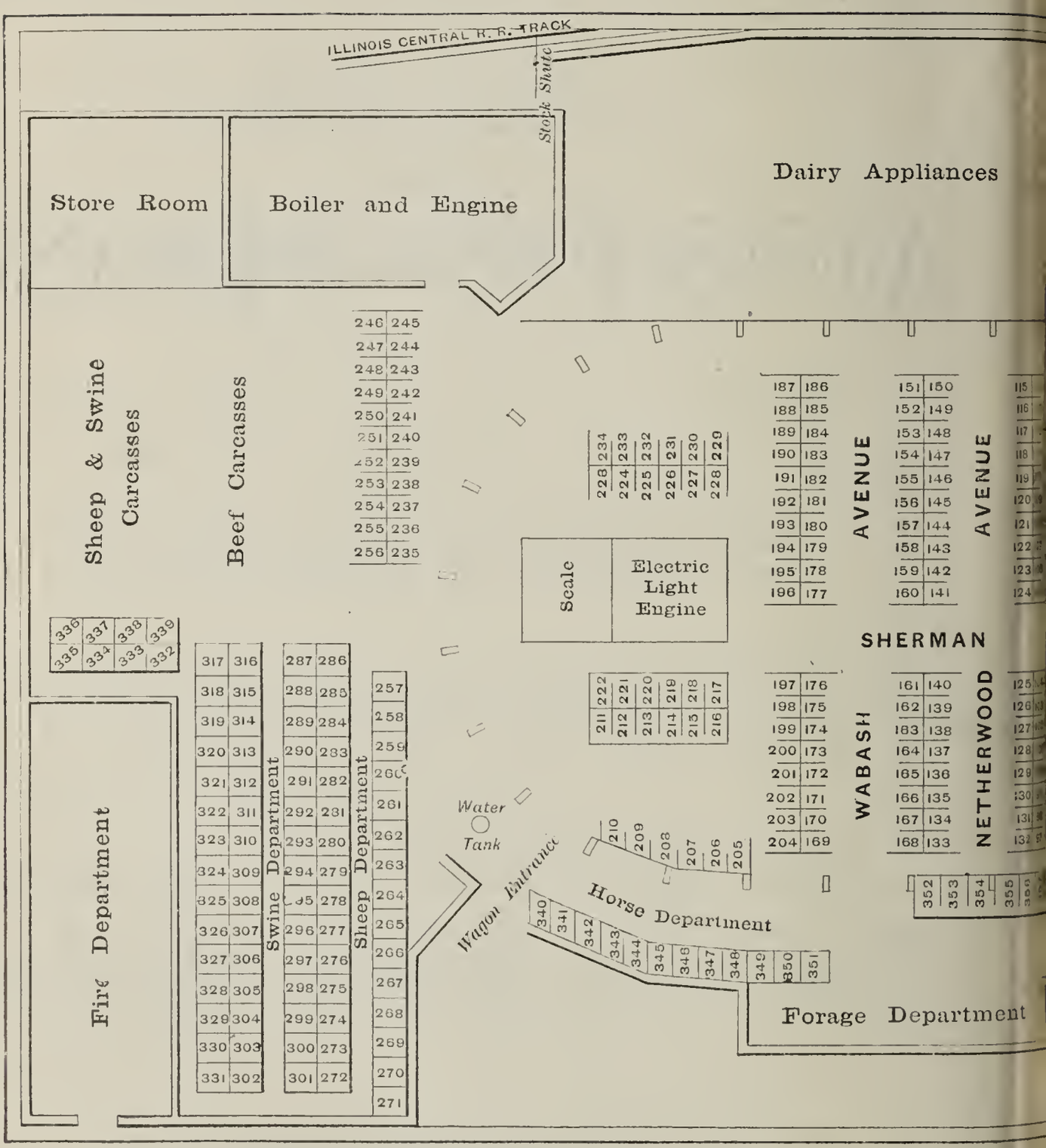
EXPOSITION BUILDING, CHICAGO,

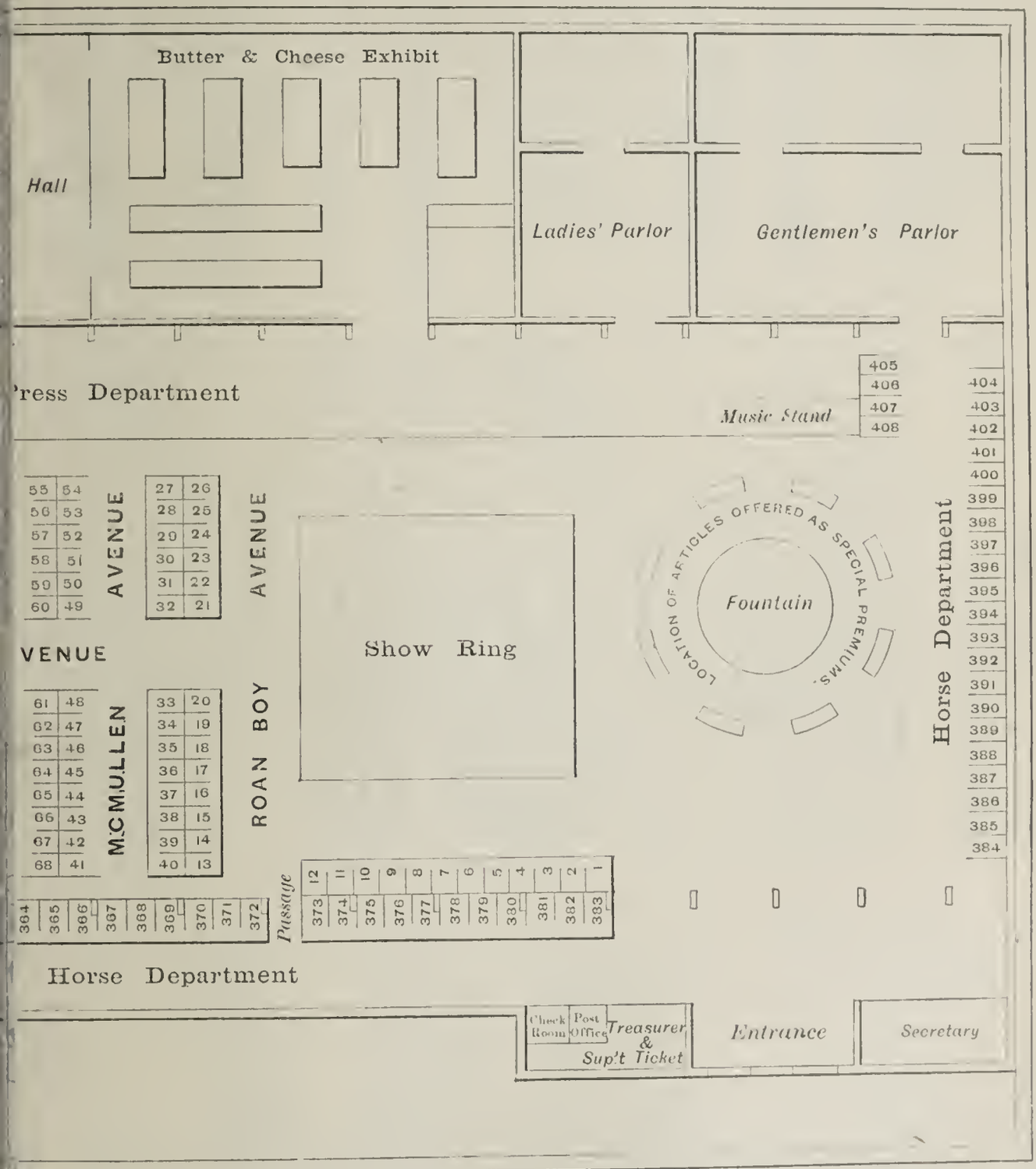
NOVEMBER 10-19, 1885.

UNDER THE AUSPICES OF THE

ILLINOIS STATE BOARD OF AGRICULTURE.

CHICAGO:
THE J. M. W. JONES STATIONERY & PRINTING CO.
1885.


ILLINOIS CENTRAL R. R. TRACK
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Stock Shute
Store Room
Boiler and Engine
Dairy Appliances
Sheep & Swine Carcasses
Beef Carcasses
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Treasurer & Sup't Ticket
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Secretary

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Frank H. Johnson & Co., South Bend, Ind.....

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NAME AND POSTOFFICE. STALL.

John Stewart, Blackberry, Ill.....

CROSS-BRED CATTLE.

HEREFORD-SHORTHORN.

Indiana Blooded Stock Co., Indianapolis, Ind....
Adams Earl, Lafayette, Ind.....

HEREFORD-JERSEY.

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GRADE SHROPSHIRE.

Stone & Loake, Stonington, Ill.....

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J. C. Duncan, Normal, Ill	360-365
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David Grant, Cedar Rapids, Iowa	390-393
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C. W. Sibley & Co	State Centre, Iowa
D. C. Woolverton	Belvidere, Ills.
E. A. Berry	Adeline, Ills.
W. R. Hostetter	Mt. Carroll, Ills.
Horton Gillis	Big Foot Prairie, Ills.

BUTTER—Continued.

NAME.	POSTOFFICE.
M. Richmond	Palatine, Ills.
J. B. Petty	Mt. Carroll, Ills.
Fitzsimmons & Evanson	W. McHenry, Ills.
T. C. Ryan	Bloomingdale, Ills.
J. S. Overton & Son	Solon, Ills.
Mrs. J. F. Montgomery	Kenney, Ills.
C. F. Tenney	Bement, Ills.
N. P. Wilson	Sterling, Ills.
Wm. Stewart	Franklin Grove, Ills.
G. B. March	Elgin, Ills.
C. E. Feakins	Kirkland, Ills.
J. Grovelin	Kirkland, Ills.
J. W. Segar	Rockford, Ills.
F. B. Fargo Co	Lake Mills, Wis.
Wm. Evanson	Lake Mills, Wis.
Doolittle & Barnes	Onarga, Ills.
Cook & Cheever	Waukegan, Ills.
P. Moran & Co	Chicago, Ills.
Fox River Butter Co	Oswego, Ills.
A. J. Negus	Marengo, Ills.
C. L. Harrison	Libertyville, Ills.
James McCredie	Elgin, Ills.
Wm. McCredie	Algonquin, Ills.
James Campbell	Lake Zurich, Ills.
Gurler Brothers	De Kalb, Ills.
Byron Colby	Libertyville, Ills.
Eyman & McGuire	Eureka, Ills.
R. M. Patrick	Marengo, Ills.
Ed. Buchanan	Johnsburg, Ills.
W. A. Boies	Marengo, Ills.
Aurora Creamery Co	Aurora, Ills.
Homer Wattles	W. McHenry, Ills.
D. M. Adams	Argenta, Ills.
H. S. Beckman	Brunswick, Ind.
Geo. F. Davis & Co	Dyer, Ind.
McCray & Kessler	Kendallville, Ind.
E. L. Furness & Sons	Furnessville, Ind.
Heynen & Von Oven	Niles, Iowa.
J. E. Neely	Grinnell, Iowa
Thos. B. Wales, Jr	Iowa City, Iowa
J. W. Brazelton	Prairieburg, Iowa
A. M. Bingham	Jesup, Iowa
P. G. Henderson	Central City, Iowa
L. C. Roach	Zwingle, Iowa
Summerville Creamery Co	Postville, Iowa
Indianola Creamery Co	Indianola, Iowa

BUTTER—Continued.

NAME.	POSTOFFICE.
Wm. Beard & Sons	Decorah, Iowa
Watson Childs	Manchester, Iowa
Marble Rock Creamery Co	Marble Rock, Iowa
Grinnell Creamery	Grinnell, Iowa
—McCracken	Fairfield, Iowa
Foster & Borden, Agents	Chicago, Ills.
John T. Clark	Clinton, Mich.
G. B. & C. S. Smith	Eagle, Mich.
H. R. Kingman	Battle Creek, Mich.
Frank D. Holmes	Owatonna, Minn.
A. P. Foster	Plainview, Minn.
Geo. H. White	Ft. Atkinson, Wis.
H. W. Kellogg	Ripon, Wis.
S. E. Gernon	Waukesha, Wis.
J. M. Thomas	Dixon, Wis.
Charles Thorp	Burnett Jc., Wis.
M. H. Church	Walworth, Wis.
D. Le Baron	Ripon, Wis.
E. W. Baker	Edmond, Wis.
Grant County Creamery	Potosi, Wis.
R.H. Valentine	Steele City, Neb.
Table Rock Creamery Ass'n	Table Rock, Neb.
L. P. Bailey	Pngh, Ohio.
Smiths, Powell & Lamb	Syracuse, N. Y.
Wm. H. Gilbert	Richland, N. Y.
Seeds & Ferguson	Philadelphia, Pa.
Mead Factory	Melbourn, Iowa
A. S. Dunn	Burlington, Ills.
John Hodgson, Jr	Pewaukee, Wis.
John Boyd	Chicago, Ills.
A. H. Allen	Belvidere, Ills.
W. F. Allen	Belvidere, Ills.
Mrs. P. G. Henderson	Central City, Iowa
T. Bacon	Wauconda, Ills.
Mrs. H. V. D. Hellen	Ft. Atkinson, Wis.
Mrs. D. W. Smith	Bates, Ills.
Mrs. C. H. Bartlett	Beloit, Wis.
W. H. Fulkerson	Jerseyville, Ills.
B. Waddle	Marion, Ohio
Mrs. Velma C. Holmes	Owatonna, Minn.
E. H. Bierer	Rockford, Ills.
J. W. Stont	Momence, Ills.
Emily A. Pride	Janesville, Minn.
Seth Wadhams	Chicago, Ills.
James Meyer	Carthage, Ills.
S. N. Wright	Elgin, Ills.

EXHIBITORS—CONTINUED.

BUTTER—Continued.

NAME.	POSTOFFICE.
J. H. Potts & Son	Jacksonville, Ills.
Dexter P. Fountain	Warrenville, Ills.
Wm. T. Kirk	Kirkland, Ills.
W. N. McConnell	Dartford, Wis.
Wm. Evanson	Lake Mills, Ills.
Swan & Bosler	Indianola, Ills.
Burt Victor	Marengo, Ills.

CHEESE EXHIBITORS.

Chester Hazen	Brandon, Wis.
D. C. Woolverton	Belvidere, Ills.
Jefferson Colvin	Kingston, Ills.
F. D. Holmes	Owatonna, Minn.
P. Moran	Chicago, Ills.
A. H Barber	Chicago, Ills.
E. P. Ingalls	Milford, Wis.
A. J. Decker	Fond du Lac, Wis.
J. E. Neely	Grinnell, Iowa
H. M. Durkee	Milbern, Ohio
Potter & Barker	La Fox, Ills.
Christ. Schenck	Nevada, Ohio
M. Freitag	Dayton, Wis.

CHEESE—Continued.

NAME.	POSTOFFICE.
T. D. Widder	Brillion, Wis.
A. M. Bingham	Jesup, Iowa
Milo Munger	Harvard, Ills.
Sam'l B. Davis	Chicago, Ills.

DAIRY IMPLEMENTS.

McAdams Butter Pack. Co	Postville, Iowa
R. Lespinasse	Chicago, Ills.
H. F. Batcheller & Son	Rock Falls, Ills.
McDermaid & Allen	Rockford, Ills.
Chas. P. Willard & Co	Chicago, Ills.
H. H. Palmer & Co	Rockford, Ills.
W. H. Stanton	Chicago, Ills.
Palace Creamery Co	Kalamazoo, Mich.
Cornish, Curtis & Green	Ft. Atkinson, Ills.
Vt. Farm Machine Co	Bellows Falls, Vt.
D. H. Poe & Co	Chicago, Ills.
D. J. Swan	Chicago, Ills.
Harvey & Campbell	Bellevue, Iowa
J. G. Cherry	Cedar Rapids, Ills.
John Wilhelm	Worster, Ohio

DAIRY IMPLEMENTS—Continued.

NAME.	POSTOFFICE
Tiffany Rfgr. Car Co	Chicago, Ills.
D. Barger	Chicago, Ills.
S. H. Knight	Minneapolis, Minn.
C. H. Wood	Chicago, Ills.
Palace Creamery Co	Kalamazoo, Mich.
Geo. B. Tiarks	Chicago, Ills.
C. E. Mann	Geneva, Ills.
J. Van Patten & Co	Holland, Mich
Record Mfg. Co	Conneant, Ohio
Chr. Hanson's Laboratory	Chicago, Ills.
F. B. Fargo & Co	Lake Mills, Wis.
Rockford Churn Co	Rockford, Ills.
Wells & Richardson	Burlington, Vt.
Rockford Chemical Works	Rockford, Ills.
Flanagan & Hoff	Chicago, Ills.
Kendall Rfrg. Co	Kendallville, Ind.
Detroit Rfrg. Car Co	Detroit, Mich.
Moran & Co	Chicago, Ills.
R. F. Redell	Chicago, Ills.
Davis Warehouse Co	Chicago, Ills.
Chicago R. H. Mfg. Co	Chicago, Ills.
Dairy Implement Co	Bellows Falls, Vt.
Moseley-Pritchard Mfg. Co	Clinton, Iowa
L. A. Raven & Co	Chicago, Ills.

Illinois State Board of Agriculture.

FOR 1885-86.

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THE EIGHTH ANNUAL

American Fat Stock and Dairy Show.

This exhibition has for its object the encouragement of the most economical production of the best quality of Meat and Dairy Products.

The large premiums offered and the emulation among breeders and feeders attracts in large-numbers, each succeeding year, to the American Fat Stock and Dairy Show the choicest specimens of the various breeds of meat-producing animals to be found on either continent.

The live stock entered for competition at the present show most creditably represents the best breeders of France, England, Scotland, Canada; and the States of Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, New York, Ohio, Pennsylvania, Tennessee, Texas and Wisconsin.

The extent of the display of dairy products and appliances, as well as the uniform excellence of the butter and cheese, attests the enterprise and skill of the dairymen residing in the wide extent of territory represented in the attractive and valuable collection on exhibition. The exhibits in the dairy department have been contributed by the citizens of the following States, viz.: Illinois, Indiana, Iowa, Massachusetts, Michigan, Minnesota, Nebraska, New York, Ohio, Pennsylvania, Vermont and Wisconsin. The admirable arrangements provided for the exhibition of stock cannot fail to meet the approval of all who may attend. The large attendance from year to year of the ladies and the best classes of people, especially those that consume the highest priced meats, indicates that some of the many advantages of the show are becoming more fully understood and appreciated by consumers of the best quality of meats and dairy products. The unsurpassed facilities afforded the public for examining the live animals and determining the quality of meat of the same when slaughtered are only partially appreciated by the thousands of intelligent consumers that attend the show each year for the purpose of information in these important matters.

A large quantity of milk will be used each day of the show in the manufacture of butter and cheese in the Exposition Building. All interested will have an excellent opportunity for the examination of the most approved appliances and obtaining information concerning the methods adopted by the practical and successful dairymen in the country. A number of prominent dairymen have been selected to superintend the manufacture of butter and cheese during the show.

The noted cows on exhibition, representing the most popular dairy breeds of cattle, will be tested for milk and butter production during the continuance of the exhibition.

The exhibition will be open to the public day and evening (except Sunday) from 9 o'clock A. M., Tuesday, November 10, 1885, until 10 o'clock P. M., Thursday, November 19, 1885.

CHARLES F. MILLS, Secretary,
Springfield, Ill.

CLASS A--CATTLE.

LA FAYETTE FUNK, Supt. Beef Breeds. **JOHN P. REYNOLDS, Supt. Milk Breeds.**

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.	COLOR.
1	.....	.....	.....	.....	.....	.....	.....	.....
2	Adams Earl, Lafayette, Ind	June 7, 1882	1252	2160	1.72	Dick.....	⅞ Hereford, ⅛ Native.....	R. & W. F.
3	do do	Apr. 18, 1882	1302	2070	1.59	Excelsior.....	½ Heref'd, ¼ Sh'th'n, ¼ Nat.	.....
4	do do	Jan. 22, 1883	1023	1605	1.57	Elkington	Hereford	R. & W. F.
5	C. B. Stuart, Lafayette, Ind	May 15, 1883	910	1500	1.65	Texas Boy.....	½ Hereford, ½ Texas.....	.....
6	Adams Earl, Lafayette, Ind	Nov. 28, 1883	713	1470	2.06	Sir Bartle 1st.....	½ Heref'd, ⅛ Sh'th'n, ⅜ Nat.	.....
7	do do	Mar. 29, 1884	591	1515	2.56	do 2d.....	½ Heref'd, ¼ Sh'th'n, ¼ Nat.	.....
8	do do	Apr. 15, 1884	574	1420	2.48	do 3d.....	½ Hereford, ½ Shorthorn....	.....
9	do do	Apr. 22, 1884	567	1295	2.38	do 4th.....	½ Heref'd, ¼ Sh'th'n, ¼ Nat.	.....
10	do do	May 23, 1884	536	1325	2.47	do 5th.....	do do do	.....
11	do do	May 24, 1884	535	1220	2.28	LaFayette.....	½ Heref'd, ⅛ Sh'th'n, ⅜ Nat.	.....
12	.....	.....	.....	.....	.....	.....	.....	.....
13	C. M. Culbertson, Chicago, Ill.....	Apr. 15, 1882	1305	2105	1.61	Schuttler.....	¾ Hereford, ¼ Native.....	R. & W. F.
14	do do	May 15, 1882	1275	1945	1.52	Pearce.....	do do	R. & W. F.
15	.....	.....	.....	.....	.....	.....	.....	.....
16	C. M. Culbertson, Chicago, Ill.....	July 15, 1882	1214	1890	1.56	Dysart.....	do do	R. & W. F.
17	do do	May 1, 1882	1289	2025	1.57	Reynolds.....	do do	R. & W. F.
18	do do	Apr. 15, 1882	1305	2140	1.64	Scott.....	⅞ Hereford, ⅛ Native.....	R. & W. F.
19	Seabury & Sample, Lafayette, Ind	May 15, 1883	910	1705	1.88	Joe.....	½ Heref'd, ¼ Sh'th'n, ¼ Nat.	.....
20	do do	Dec. 11, 1883	700	1435	2.05	Bob.....	do do do	.....
21	do do	Dec. 20, 1883	691	1390	2.01	Mort.....	do do do	.....
22	do do	Dec. 12. 1883	699	1630	1.94	Jack.....	do do do	.....
23	do do	Jan. 4, 1884	676	1330	1.97	George.....	do do do	.....
24	do do	Nov. 24, 1884	351	1050	2.99	Jumbo.....	do do do	.....
24	do do	Dec. 10, 1883	701	1185	1.69	Sam.....	15-16 Hereford, 1-16 Shorth'n	.....
25	do do	Dec. 29, 1884	316	825	2.61	Dan'l.....	½ Heref'd, ¼ Sh'th'n, ¼ Nat.	.....
26	.....	.....	.....	.....	.....	.....	.....	.....
27	John P. Gillett, Elkhart, Ill.....	Jan. 3, 1883	1042	1575	1.51	Abel.....	15-16 Shorthorn, 1-16 Native	.....

28	John P. Gillett, Elkhart, Ill.		Jan. 3, 1883	1042	1730	1.66	Cain	15-16 Shorthorn, 1-16 Native		
29	do	do	Apr. 10, 1882	1310	2060	1.57	Adams	do	do	R. & W.
30	do	do	June 25, 1882	1234	1750	1.43	Cherry	do	do	
31	do	do	Jan. 20, 1882	1390	1930	1.40	Red Jacket	do	do	Red.
32	do	do	Apr. 6, 1882	1314	1915	1.46	Crocket	do	do	Red.
33	do	do	Mch. 12, 1882	1339	1965	1.47	Pointover	do	do	Red.
34	do	do	Dec. 3, 1881	1438	2245	1.56	Barney	do	do	Red.
35	John D. Gillett, Elkhart, Ill.		Jan. 10, 1880	1949	2860	1.46	Mammoth	do	do	
36	do	do	June 2, 1882	1251	2100	1.68	John P. Reynolds	do	do	R. & W.
37	do	do	July 30, 1882	1199	1945	1.62	Davie	do	do	
38	do	do	Apr. 5, 1882	1315	2050	1.51	Right About	do	do	Roan.
39	do	do	Apr. 28, 1882	1292	1925	1.49	Lookover	do	do	Roan.
40	do	do	Dec. 28, 1881	1413	2015	1.43	McCue	do	do	Roan.
41	do	do	Mch. 10, 1883	976	1595	1.63	Col. Mills	do	do	Roan.
42	do	do	June 26, 1883	868	1865	2.14	Doc. Woods	do	do	
43	do	do	May 10, 1883	915	1775	1.94	Victor	do	do	
44	do	do	Mch. 19, 1883	967	1760	1.82	Driver	do	do	Red.
45	do	do	Jan. 2, 1883	1043	1960	1.88	Fisher	do	do	Red.
46	do	do	Feb. 12, 1883	1002	1900	1.89	Rocket	do	do	Red.
47										
48	John P. Gillett, Elkhart, Ill.		Apr. 22, 1883	933	1655	1.77	Constance	15-16 Shorthorn, 1-16 Native		
49	do	do	Apr. 20, 1883	935	1770	1.87	Cuba	do	do	
50	do	do	Aug. 4, 1883	829	1590	1.92	Skipper	do	do	
51	do	do	Aug. 1, 1883	832	1680	2.02	York	do	do	
52	do	do	Aug. 5, 1883	828	1560	1.80	Red Plum	do	do	
53	do	do	June 22, 1884	506	1260	2.41	Bob	do	do	
54	do	do	July 28, 1884	470	1370	2.91	Morris	do	do	
55	Morrow & Renick, Clintonville, Ky.		Dec. 16, 1881	1425	2210	1.55	Schooler	Shorthorn		Roan.
56	do	do	Dec. 24, 1881	417	2320	1.63	Eales	31-32 Shorthorn, 1-32 Native		Red.
57	do	do	Mch. 20, 1882	1331	2010	1.52	Bedford, No. 4			
58	do	do	Jan. 13, 1882	1397	2040	1.46	Weathers	Shorthorn		
59	do	do	June 20, 1882	1233	1960	1.59	Renick Sharon			
60	do	do	Apr. 17, 1883	938	1650	1.76	Cunningham	Shorthorn		Red.
61	J. H. Potts & Son, Jacksonville, Ill.		Oct. 1, 1882	1136	1685	1.48	Surprise	7/8 Shorthorn, 1/8 Native		Roan.
62	do	do	Feb. 25, 1882	1354	1940	1.43	Champion	do	do	Red.
63	do	do	Mch. 24, 1883	962	1810	1.88	Red Cloud	do	do	Red.
64	do	do	June 22, 1883	872	1580	1.81	Major Taylor	do	do	Red Roan.
65	do	do	Mch. 1, 1883	985	1610	1.63	Mack	do	do	Roan.
66	do	do	May 19, 1883	906	1640	1.81	Billie S	do	do	Red.
67	do	do	May 20, 1883	905	1615	1.78	Frank	Shorthorn		Roan.

CLASS A--CATTLE--CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.	COLOR.
68	J. H. Potts & Son, Jacksonville, Ill	Mch. 25, 1883	961	1805	1.88	Victor	⅞ Shorthorn, ⅛ Native	Roan.
69	do do	Jan. 15, 1885	299	785	2.63	Diamond	⅞ Shorthorn, ⅛ Native	Red.
70	do do	Dec. 26, 1883	685	1325	1.93	Bob Moore	do do	Red.
71	do do	May 20, 1883	905	1545	1.71	Richmond	do do	Red.
72	C. S. Barclay, West Liberty, Ia	.....	.....	.....	.....	Miss Wiley	Shorthorn	.....
73	do do	Nov. 29, 1882	1077	1900	1.71	White Cedar	⅞ Shorthorn, ⅛ Native	White.
74	do do	Nov 28, 1882	1078	1680	1.56	Snow Ball	Shorthorn	.....
75	Wm. Millar, Mattoon, Ill	Mch. 16, 1878	2796	2045	.73	Lillie Aidrie 2d	Shorthorn	.....
76	Geo. Elliott, Harristown, Ill	Sep. 21, 1882	1139	1765	1.54	Little Britain	⅞ Shorthorn, ⅛ Native	.....
77	T. W. Hunt, Ashton, Ill	Apr. 20, 1884	569	1210	2.13	Billy	31-32 Shorthorn, 1-32 Native	.....
78	do do	Apr. 12, 1884	577	1200	2.08	Reliance	15-16 Shorthorn, 1-16 Native	.....
79	Morrow & Renick, Clintonville, Ky	May 1, 1883	925	1815	1.97	Little Billy	.....	.....
80	do do	June 1, 1883	894	1640	1.83	Buckner	.....	.....
81	do do	Feb. 14, 1883	1000	1650	1.65	Morrow	.....	.....
82	do do	Feb. 25, 1883	989	1720	1.80	Swift	.....	Red.
83	W. S. White, Sabetha, Kan	Jan. 19, 1883	1026	1960	1.91	Roan Twin	Shorthorn	.....
84	Thos. B. Wales, Jr., Iowa City, Ia	Feb. 7, 1885	276	690	2.35	Brookbank Lad	Holstein, Native	.....
85	A. A. Noyes, Steamboat Rock, Ia	Mar. 28, 1880	2053	2850	1.39	Jim	⅞ Shorthorn, ⅛ Native	.....
86	Wm. Snyder, Henry, Ill	Apr. 13, 1878	2768	1600	.58	Rose Culver	Shorthorn	Red.
87	Forbes Bros., Henry, Ill	Jan, 28, 1883	1017	1800	1.77	Reuben Broadus	⅞ Shorthorn, ⅛ Native	.....
88	do do	Mch. 10, 1883	976	1690	1.73	Varna	do do	.....
89	.....	.....	.....	.....	.....	.....	.....	.....
90	Frank H. Johnson & Co., South Bend, Ind	May 2, 1879	.....	.....	.....	Duke of Willow Grove	Jersey	Fawn.
91	J. D. Gillett, Elkhart, Ill	Dec. 2, 1883	709	1505	2.12	Champion	15-16 Shorthorn, 1-16 Native	.....
92	do do	Jan. 3, 1884	677	1470	2.17	Roy	do do	.....
93	do do	Jan. 3, 1884	677	1405	2.07	Royal	do do	.....
94	do do	May 25, 1884	534	1280	2.40	Lightfoot	do do	.....
95	Elbert & Fall, Albia, Ia	July 1, 1884	497	1290	2.60	Cleveland	Shorthorn	.....

96										
97	John B. Sherman,	Chicago,	Ill.	Dec. 10, 1881	1431	2220	1.55	Longmore	¾ Shorthorn, ¼ Native	
98										
99	do	do		Apr. 17, 1880	2032	2625	1.29	J. H. Truman	Shorthorn	Roan.
100										
101	do	do		May 15, 1880	2004	2625	1.31	George Fox	15-16 Shorthorn, 1-16 Native	Roan.
102										
103	do	do		Feb. 1, 1881	1743	2470	1.42	White Cloud	Shorthorn	White.
104	do	do		July 6, 1882	1223	2125	1.74	Warfield	31-32 Shorthorn, 1-32 Native	
105	do	do		July 13, 1882	1216	2160	1.78	Ben	do do	
106	do	do		Mar. 25, 1882	1326	2220	1.61	Albright	½ Hereford, ½ Shorthorn	Roan.
107	do	do		May 20, 1882	1270	2185	1.72	Richland	15-16 Shorthorn, 1-16 Native	Red.
108	do	do		May 30, 1882	1260	1970	1.56	Benbow's Prize	do do	
109	do	do		May 20, 1883	965	1840	2.03	Gem	31-32 Shorthorn, 1-32 Native	
110	do	do		Jan. 17, 1883	1028	1705	1.66	Victor	Shorthorn	
111	do	do		Apr. 15, 1883	940	1620	1.72	Turk	15-16 Shorthorn, 1-16 Native	
112	do	do		May 15, 1883	910	1610	1.77	Red Knight	do do	Red.
113	do	do		Mar. 25, 1883	961	1560	1.62	Greenview	do do	
114	do	do		June 15, 1882	1244	1500	1.20	Sandy	West Highlander	Yel'w Red.
115	do	do		Apr. 25, 1884	564	940	1.67	Scottish Prize	½ Hereford, ½ W. Highl'der	
116										
117	Lucien Scott,	Leavenworth,	Kan.	Dec. 29, 1881	1412	2080	1.47	Gottlieb	Holstein	B. & W.
118	do	do		Apr. 27, 1882	1293	2050	1.59	Boots	½ Holstein, ½ Native	B. & W.
119	do	do		Feb. 15, 1883	999	1920	2.00	Captain	do do	B. & W.
120	do	do		Dec. 22, 1883	689	1300	1.89	Last Chance	¾ Holstein, ¼ Native	B. & W.
121	do	do		July 25, 1882	1204	1460	1.21	Jessie	½ Heref'd, ⅜ Sh'th'n, ⅛ Nat.	
122	do	do		Mar. 24, 1883	962	1445	1.50	Faith	do do do	
123										
124	Seth Wadhams,	Chicago,	Ill.	Dec. 28, 1882				Silver Hill	Jersey	Fawn.
125	do	do		June 11, 1879				Gold Trinket	do	do
126	Jas. J. Hill,	St. Paul,	Minn.	Feb. 22, 1883	992	2455	2.47	Hutcheon	½ Polled Angus, ½ Shorth'n	
127	do	do		Jan. 27, 1882	1383	2140	1.55	Turriff	do do	
128	do	do		Mar. 15, 1882	1336	2070	1.55	McKessack	do do	
129	do	do		Apr. 15, 1882	1305	2115	1.62	Kinloss	do do	
130	do	do		Jan. 6, 1882	1404	2000	1.42	Rettie	do do	
131	do	do		Jan. 23, 1883	1022	1955	1.91	Benholm	Aberdeen-Angus	
132	do	do		Feb. 5, 1883	1009	1770	1.75	Wildy	do	
133	Overton Lea,	Nashville,	Tenn.	Dec. 6, 1883	705	1380	1.95	Rosy	Sussex	Red.
134										

CLASS A--CATTLE--CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days. November 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.	COLOR.
135	W. R. Estill, Estill, Mo	Mch. 15, 1884	605	1360	2.25	Flash	½ Angus { ⅜ Shorthorn ⅛ Native	Black.
136	do do	Feb. 17, 1885	266	750	2.82	Felix	do do	Black.
137	Estill & Elliott, Estill, Mo	Mch. 13, 1885	242	1330	5.50	Clarence	½ Angus, ⅜ Sh'th'n, ⅛ Native	
138	do do	Apr. 1, 1885	224	1310	5.40	Charlie	½ Angus, ½ Shorthorn.	
139	Gudgell & Simpson, Independence, Mo	Mch. 27, 1884	593	1470	2.48	Sandy	Aberdeen-Angus	Black.
140	do do	June 10, 1885	153	920	6.00	Alex	do	do
141	B. Hershey, Muscatine, Ia	Dec. 3, 1882	1073	1680	1.56	Champion	Hereford	R. & W. F.
142	do do	Mch. 8, 1883	978	1920	1.96	Prospect	½ Hereford, ½ Native	R. & W. F.
143	do do	Mch. 20, 1885	235	720	3.08	Sam	do do	R. & W. F.
144	do do	Feb. 6, 1885	277	810	2.92	Frank	do do	R. & W. F.
145	J. S. Funkhouser, Plattsburg, Mo					Fred		
146	do do	Jan. 26, 1885	288	765	2.65	Chromo	½ Heref'd, ¼ Sh'th'n, ¼ Nat.	
147	do do	Jan. 25, 1885	289	765	2.65	Curtis	do do do	
147	do do	Feb. 21, 1885	262	700	2.67	Conquest	½ Heref'd, ⅜ Sh'th'n, ⅛ Nat.	
148	do do	Jan. 15, 1885	299	800	2.84	Challenge	1-2 Hereford, 7-16 Shorthorn, 1-16 Native	R. & W. F.
149	do do	Feb. 21, 1885	262	700	2.67	Clinton	½ Heref'd, ⅜ Sh'th'n, ⅛ Nat.	R. & W. F.
150	Henry Davis, Dyer, Ind	May 14, 1885	180	580	3.22	Marquis	½ Hereford, ½ Native	R. & W. F.
151	Ind. Blooded Stock Co., Indianapolis, Ind.	Sep. 4, 1884	432	930	2.15	Tom	⅞ Hereford, ⅛ Native	R. & W. F.
152	do do	Sep. 15, 1884	421	925	2.20	Jerry	do do	R. & W. F.
153	do do	Jan. 14, 1884	666	1290	1.94	Photograph	do do	R. & W. F.
154	do do	Dec. 6, 1883	705	1475	2.09	Leland	do do	R. & W. F.
155	do do	Nov. 27, 1883	714	1555	2.48	Lindall	do do	R. & W. F.
156	do do	Oct. 8, 1883	764	1515	1.98	Logan	Aberdeen-Angus	Black.
157	do do	Sep. 28, 1883	774	1610	2.08	Blaine	do	Black.
158								
159	Ind. Blooded Stock Co., Indianapolis, Ind.	May 24, 1882	1266	2260	1.78	Suspense	Hereford	R. & W. F.
160	do do	Apr. 6, 1882	1314	2065	1.57	Champion	do	R. & W. F.

161	Ind. Blooded Stock Co., Indianapolis, Ind.	Apr . , 1882	1316	2105	1.59	Cornwall	Hereford		R. & W. F.
162	do do	May 4, 1882	1286	1820	1.42	Stokesay	do		R. & W. F.
163	do do	Mar. 1, 1882	1350	1900	1.41	Stonington	¾ Hereford, ¼ Native		R. & W. F.
164	do do	May 4, 1882	1286	1925	1.50	Burleigh's Pride	½ Angus, ½ Hereford		R. & W. F.
165	Fowler & Van Natta, Fowler, Ind	Feb. 25, 1883	989	1840	1.86	Jerry	½ Heref'd, ⅜ Shorth'n, ⅛ Nat		R. & W. F.
166	do do	Dec. 14, 1882	1062	1710	1.61	Tempest	Hereford		R. & W. F.
167	do do	Jan. 15, 1883	1030	1930	1.87	Adams	½ Heref'd, ⅜ Shorth'n, ⅛ Nat		R. & W. F.
168	do do	Jan. 28, 1883	1017	1905	1.87	Dandy Boy	do do do		R. & W. F.
169	do do	Dec. 30, 1882	1046	1805	1.72	Benton Will	do do do		R. & W. F.
170									
171	Fowler & Van Natta, Fowler, Ind	Apr. 14, 1882	1306	2345	1.79	Regulus	½ Heref'd, ¼ Shorth'n, ¼ Nat		R. & W. F.
172	do do	May 24, 1882	1266	2345	1.85	McGregor	¾ do ⅛ do ⅛ do		R. & W. F.
173	do do	Dec. 14, 1883	697	1355	1.94	Sam	½ do ¼ do ¼ do		R. & W. F.
174	do do	Mch. 11, 1884	609	1280	2.10	Matthews	½ do ¼ do ¼ do		R. & W. F.
175	do do	June 20, 1882	1239	1304	1.05	Peter	½ Hereford, ½ Jersey		R. & W. F.
176	do do					Bessie	Jersey		Fawn.
177	Swan & Bosler, Indianola, Ia	Apr. 16, 1882	1304	1805	1.38	Jim	Hereford		R. & W. F.
178	do do	June 14, 1882	1245	1750	1.40	George	do		R. & W. F.
179	do do	June 13, 1882	1241	1790	1.44	Alfred	do		R. & W. F.
180	do do	May 26, 1882	1264	2140	1.69	Tom	do		R. & W. F.
181	do do	May 2, 1882	1288	2320	1.80	Jake	½ Hereford, ½ Native		R. & W. F.
182	Swan Bros., Indianola, Ia	June 20, 1881	1604	1875	1.17	Grace	Hereford		R. & W. F.
183	Swan & Bosler, Indianola, Ia	July 28, 1884	470	1155	2.46	Roan Dan	½ Hereford, ½ Native		R. & W. F.
184	do do	Nov. 21, 1884	354	1000	2.82	Honest Ben	do do		R. & W. F.
185	do do	Nov. 30, 1884	345	925	2.68	Model	do do		R. & W. F.
186	do do	Nov. 22, 1884	353	825	2.34	Pattern	do do		R. & W. F.
187	do do	Dec. 26, 1884	319	850	2.66	Swan's Shield	do do		R. & W. F.
188	do do	Dec. 27, 1884	318	805	2.53	Experiment	10-16 Hereford, 2-16 Shorthorn, 4-16 Jersey.		
189	Geo. Leigh & Co., Aurora, Ill	Apr. 30, 1883	925	1195	1.29	Sampson	Hereford		R. & W. F.
190	do do	June 3, 1883	891	1420	1.59	Bendigo	do		R. & W. F.
191	do do	June 21, 1884	507	1610	3.17	Slasher	do		R. & W. F.
192	do do	May 1, 1884	558	1055	1.89	Frank	do		R. & W. F.
193	J. R. Peak & Son, Winchester, Ill	Mch. 1, 1884	985	1735	1.78	Cambridge Geneva	Shorthorn		White.
194	do do								
195	do do	June 27, 1883	867	1645	1.90	Baron Constance	Shorthorn		White.
196	do do	Mch. 2, 1883	984	1800	1.83	Joe Cannon	do		Roan.
197	do do	Mch. 4, 1883	982	1805	1.84	Louis Cunningh'm	do		Roan.
198	do do	Jan. 20, 1883	1023	1860	1.81	General Custer	Shorthorn		Roan.
199	do do	Apr. 11, 1883	944	1580	1.67	Wild Bill	¾ Shorthorn, ¼ Native		
200	do do					Eath	do do		

CLASS A--CATTLE--CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.	COLOR.
201	J. R. Peak & Son, Winchester, Ill.	.....	.....	.....	.....	Sherman	¾ Shorthorn, ¼ Native	.....
202	do do	.....	.....	.....	.....	Nathan	do do	.....
203	do do	.....	.....	.....	.....	Dick	do do	.....
204	do do	.....	.....	.....	.....	Randolph	⅞ Shorthorn, ⅛ Native	.....
205	do do	.....	.....	.....	.....	Harry	¾ Shorthorn, ¼ Native	.....
206	do do	.....	.....	.....	.....	Riley	do do	.....
207	do do	.....	.....	.....	.....	Ellick	⅞ Shorthorn, ⅛ Native	.....
208	do do	.....	.....	.....	.....	Rover	do do	.....
209	do do	Mch. 3, 1884	617	1275	2.07	Henry	do do	.....
210	do do	Mch.12, 1884	608	1290	2.12	Arch	do do	.....
211	do do	Feb. 17, 1884	632	1155	1.83	Marcus	do do	.....
212	do do	Mch. 1, 1884	619	1170	1.90	Richard	do do	.....
213	do do	Feb. 28, 1884	621	1140	1.83	Tommylin	do do	.....
214	do do	Mch,10, 1883	976	1685	1.73	Roan Boy	do do	.....
215	.....	.....	.....	.....	.....	.....	.....	.....
216	J. R. Peak & Son, Winchester, Ill.	Dec. 6, 1884	339	885	2.61	Crown Prince	¾ Shorthorn, ¼ Native	.....
217	do do	Jan. 23, 1885	291	815	2.80	Lord Thomas	15-16 Shorthorn, 1-16 Native	.....
218	do do	Nov. 17, 1884	358	770	2.15	Wm. Wissly	⅞ Shorthorn, ⅛ Native	.....
219	do do	Mch.10, 1885	245	760	3.10	Antony	do do	.....
220	do do	Mch.18, 1885	237	535	2.26	Duke of Ashbrook 2d	Shorthorn	.....
221	Frank H. Johnson & Co., South Bend, Ind	Feb. 25, 1882	.....	.....	.....	Little Patience	Jersey	Fawn
222	do do	Nov. 20, 1880	.....	.....	.....	Luna Belle 2d	do	do
223	B. Waddel, Marion, O.	Sept. 1, 1882	1166	2080	1.78	Dan	⅞ Shorthorn, ⅛ Native	.....
224	do do	Feb. 10, 1884	639	1360	2.13	Orio	Shorthorn	.....
225	do do	July 15, 1885	118	405	3.43	Charley	⅞ Shorthorn, ⅛ Native	.....
226	do do	Nov. 10, 1884	365	1065	2.90	Phillip	do do	.....
227	Smiths, Powell & Lamb, Syracuse, N. Y.	Apr. 1, 1880	.....	.....	.....	Netherland Prince.	Holstein	B. & W.
228	do do	Apr. 15, 1882	.....	.....	.....	Prince Imperial	do	B. & W.

229	Smiths, Powell & Lamb, Syracuse, N. Y.		Mar. 20, 1883				Prince of Artis	Holstein		B. & W.
230	do	do	Mar. 20, 1880				Netherland Belle	do		B. & W.
231	do	do	Spring, 1878				Valley Beauty	do		B. & W.
232	do	do	March, 1879				Lady Fay	do		B. & W.
233	do	do	Mar. 15, 1877				Netherland Baroness	do		B. & W.
234	do	do	March, 1880				Aaggie Cornelia 3d	do		B. & W.
235	do	do	Mar. 27, 1882				Alexander's Queen	do		B. & W.
236	do	do	Mar. 15, 1882				Executrix	do		B. & W.
237	Geo. F. Davis & Co., Dyer, Ind		Mar. 17, 1880				Talcott	Jersey		
238	John Stewart, Blackberry, Ill						Isabella	Ayrshires		
239	do	do	Oct. 29, 1880				Compton	do		
240	do	do	May 30, 1878				Spotty	do		
241	do	do	Mar. 10, 1875				Ayrshire Ellen	do		
242	do	do	Dec. 13, 1880				Duke of Illinois	do		
243	Geo. E. Brown & Co., Aurora, Ill		Mar. 2, 1879				Lady Wheatland	Holstein		B. & W.
244	do	do	Mar. 19, 1882				Sluitye	do		B. & W.
245	do	do	Nov. 7, 1882				Alpena	do		B. & W.
246	do	do	Mar. 20, 1880				Lady Winthrop	do		B. & W.
247	do	do	1876				Meika	do		B. & W.
248	do	do	Apr. 10, 1883				Bassano	do		B. & W.
249	do	do	Mar. 15, 1877				Filligree	do		B. & W.
250	do	do	Feb. 3, 1881				Iradue	do		B. & W.
251	do	do	Mar. 10, 1881				Sealskin	do		B. & W.
252	do	do	Oct. 17, 1882				Longspeller's Hendricks	do		B. & W.
253	E. H. Bierer, Rockford, Mo		Mar. 5, 1882				Jumbo	Jersey		Fawn.
254	J. R. Price & Son, Williamsville, Ill		Jan. 1, 1885	314	895	2.85	Excelsior	½ Hereford, ½ Native		
255	do	do	Dec. 1, 1884	345	910	2.64	Express	do	do	
256										
257	Thos. B. Wales, Jr., Iowa City, Ia		Jan. 17, 1879				Jepm	Holstein		B. & W.
258	do	do	Mar. 10, 1882				Tritomia	do		B. & W.
259	do	do	Mar. 1, 1882				Solon Prince	do		B. & W.
.....	Geo. E. Brown & Co., Aurora, Ill		Feb. 1, 1876				Meika	Holstein		B. & W.
.....	do	do	Mch. 17, 1877				Filligree	do		B. & W.
.....	do	do	Feb. 3, 1881				Iradue	do		B. & W.
.....	do	do	Mar. 19, 1882				Sluitje	do		B. & W,
.....	do	do	Mar. 19, 1881				Sealskin	do		B. & W.
.....	do	do	Mar. 2, 1879				Lady Wheatland	do		B. & W.
.....	do	do	Mar. 10, 1881				Lady VanTiel	do		B. & W.

CLASS B--HORSES.

DAVID GORE, Superintendent Draft Horses. **E. C. LEWIS, Superintendent Light Horses.**

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Weight in lbs. November 10, 1885.	NAME OF ANIMAL.	BREED.	COLOR.
340	Geo. E. Brown, Aurora, Ill.	1882	.....	Duke of Norfolk	English Shire	
341	do do	1882	.....	Ingelthorpe	do	
342	do do	1882	.....	Crusader	Cleveland Bay	
343	do do	1883	.....	Chevalier	do	
344	do do	1883	.....	Lothair	do	
345	do do	1882	.....	Holland Major	English Shire	
352	Geo. H. Covert, Chicago, Ill.	.....	.....	Mambrino Prince	Roadster	
353	do do	.....	.....	Dandy	.....	
354	E. D. Foster, Lowell, Ind.	.....	.....	.....	.....	
355	R. Nagle & Sons, Ottawa, Ill.	.....	.....	Regal	Norman	
356	do do	1880	.....	Bramble, 1967	do	
357	do do	1878	.....	Avata, 1966	do	
358	do do	1881	.....	Confident, 3647	do	
360	J. C. Duncan, Normal, Ill.	.....	.....	Pilot	do	
361	do do	1881	.....	Le Fard, 3387	do	
362	do do	1882	.....	Fleuron, 3388	do	
363	do do	1882	.....	Carlos, 3390	do	
364	do do	1880	.....	Blondeau, 3379	do	
365	do do	.....	.....	Dublin, 3386	do	
366	Degen Bros., Ottawa, Ill.	1885	.....	King	do	
367	do do	1882	.....	Tritomia	do	
368	do do	1881	.....	Galage	do	
369	do do	1880	.....	Waterloo	do	
370	do do	1881	.....	Raseny	do	
371	do do	1882	.....	Teeshey	do	
372	Dillon Bros., Normal, Ill.	1881	.....	Charley	do	
373	do do	1881	.....	Frank	do	

374	Dillon Bros., Normal, Ill.	1876	.....	Modesty, 998	Norman
375	do do	1880	.....	Leisure B., 467	do
376	do do	1881	.....	Calculator, 1138	do
378	John Virgin, Fairbury, Ill.	1882	.....	High Court, 3443	do
379	do do	1882	.....	Utah, 1572	do
380	do do	1883	.....	Arctic, 3442	do
381	do do	1880	.....	Money Maker, 2101	do
382	do do	1882	.....	Vandolah, 1580	do
383	do do	1878	.....	Fearless	do
384	Galbraith Bros., Janesville, Wis.	.....	.....	Tom Thumb and Tommy Dodd	Shetland Ponies
385	do do	1883	.....	Freemason, 2573	Clydesdale
386	do do	1881	.....	Beau Nash, 2978	English Shire
387	do do	1882	.....	Garfit, 3093	do
388	do do	1882	.....	Hector, 2861	Clydesdale
389	do do	1884	.....	British Flag, 3592	English Shire
390	David Grant, Cedar Rapids, Ia.	1880	.....	Sultan	Norman
391	do do	1881	.....	Prince of Monreith	do
392	do do	1882	.....	Prince William	do
393	do do	1882	.....	Young Dunlap	do
394	Blair Bros. & Curry, Aurora, Ill.	1883	.....	Blythe Napoleon	English Shire
395	do do	1882	.....	Blythe Revenue	do
396	do do	1882	.....	Bright Laddie	Clydesdale
397	do do	1881	.....	Scottish Lad	do
402	Bowles & Hadden, Janesville, Wis.	1881	.....	Francean, 3403	Norman
403	do do	1880	.....	Muras, 3400	do
404	do do	1881	.....	Eugene, 3402	do
405	do do	1883	.....	Tonguero, 3409	do
406	do do	1883	.....	Jolly, 3408	do
407	John Irving Pearce, Jr., Chicago, Ill.	1876	.....	Lady Wilmington	.....
408	do do	1878	.....	Bay Prince	.....
409	do do	.....	.....	Chauncey	.....
.....	do do	1878	.....	Don Raven	.....
410	James A. Perry, Wilmington, Ill.	1880	.....	Mellican Man	Norman
411	do do	.....	.....	The Right Sort	.....
412	do do	1881	.....	San Antonia	Norman
413	do do	.....	.....	General	.....
414	do do	1881	.....	Honest Tom	Norman
415	do do	1881	.....	Chicago	do
.....	Wm. M. Moffatt & Bro., Paw Paw, Ill.	1882	.....	Nonesuch, 251	Clydesdale
.....	do do	1882	.....	True Bill, 2091	do
.....	do do	1882	.....	Culraven	do
.....	do do	1882	.....	Pres. Arthur	do
.....	do do	1883	.....	Am. Commander	do

CLASS C--SHEEP--D. W. VITTUM, JR., SUPERINTENDENT.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
266	Frank Willson, Jackson, Mich.....	Mar. 16, 1883	970	265	.27	Wonder	
266	do do	Apr. 3, 1883	952	294	.31	Dandy	½ Cotswold, ½ Southdown.
267	do do	Apr. 15, 1885	209	90	.43	Hank	do do
267	do do	Apr. 15, 1885	209	101	.50	Mack	do do
268	do do	Apr. 9, 1885	215	126	.60	Dick	Cotswold.
268	do do	Apr. 4, 1885	220	152	.70	Joe	do
268	do do	Apr. 12, 1885	212	100	.47	Perry	Oxford.
269	do do	Apr. 13, 1885	211	99	.47	Frank	Hampshire.
269	do do	Mar. 28, 1883	958	175	.18	John L.....	Shropshire.
269	do do	Mar. 23, 1883	963	167	.17	Walter G.....	do
270	do do	Mar. 18, 1882	1333	229	.17	Robert K.....	Hampshire.
270	do do	Mar. 4, 1885	251	149	.59	Keene.....	do
270	E. & A. Stanford, Steyning, Eng.....	March, 1884	.....	188	.....	Arthur	Southdown.
270	do do	Febr'y, 1885	.....	140	.....	Billy	do
271	do do	Febr'y, 1885	.....	126	.....	Bertie	do
271	do do	March, 1884	.....	198	.....	Abraham	do
272	do do	March, 1884	.....	200	.....	Albert.....	do
272	do do	Feb. 17, 1885	266	136	.51	Big Ben.....	do
290	J. H. Potts & Son, Jacksonville, Ill.....	Feb. 12, 1884	636	217	.34	Bert.....	do
290	do do	Apr. 10, 1885	579	95	.16	Al.....	do
290	do do	Apr. 10, 1885	579	89	.15	Ben	do
290	do do	Apr. 1, 1884	589	160	.27	Hershey.....	do
291	do do	Apr. 1, 1884	589	151	.26	George	do
291	do do	Apr. 1, 1884	589	172	.29	Tom	do
292	do do	Apr. 1, 1884	153	589	.26	Henry.....	do
292	do do	Apr. 1, 1884	589	155	.26	Dan	do
293	do do	Apr. 25, 1884	595	156	.26	Frank	do
293	do do	Apr. 25, 1884	595	150	.25	Joe.....	do

315	Mrs. Ann Newton,	Pontiac,	Mich.	Apr. 2, 1885	222	120	.54	George	Shropshire.	
315	do	do		Apr. 1, 1885	223	131	.59	Hampton	Hampshire.	
315	do	do		Apr. 13, 1885	211	106	.50	Ruby	do	
315	do	do		Apr. 19, 1885	205	105	.50	Bedford	do	
315	do	do		July 8, 1885	125	103	.82	Druce	Oxford.	
315	do	do		Apr. 2, 1885	222	105	.47	Henry	Cotswold,	
315	do	do		Apr. 2, 1885	221	131	.59	Jake	Leicester.	
315	do	do		Apr. 26, 1884	563	184	.33	Victor	do	
315	do	do		Apr. 2, 1885	222	118	.50	Pride	Lincoln.	
315	do	do		Apr. 5, 1884	584	192	.33	Tom	½ Shropshire, ½ Cotswold.	
315	do	do		Apr. 10, 1885	214	127	.59	Ned	½ Shropshire, ½ Leicester.	
316	do	do		Mar. 10, 1883	976	249	.25	Prince	Cotswold.	
316	do	do		Mar. 9, 1884	611	234	.38	Turpin	do	
316	do	do		Mar. 5, 1884	615	228	.35	Burry	do	
316	do	do		Mar. 25, 1883	961	256	.27	Will	Leicester.	
316	do	do		Apr. 3, 1884	506	239	.41	Lue	do	
316	do	do		Mar. 29, 1883	957	227	.24	Duke	Lincoln.	
316	do	do		Mar. 27, 1884	593	173	.21	Jack	do	
317	do	do		Mar. 10, 1882	1341	257	.19	Dick	Shropshire.	
317	do	do		Mar. 3, 1883	983	308	.21	Brassey	Oxford.	
317	do	do		Apr. 3, 1883	952	310	.32	Jerry	½ Hampshire, ½ Cotswold,	
317	do	do		Apr. 1, 1883	954	280	.29	Blaine	do	do
.....	do	do		Mar. 27, 1884	593	210	.35	Dandy	Southdown.	
.....	do	do		Mar. 3, 1883	983	256	.26	Sampson	Shropshire.	
.....	do	do		Apr. 3, 1884	587	193	.33	Pug	do	
.....	do	do		Mar. 7, 1882	1344	241	.18	Frank	Hampshire.	
.....	do	do		Mar. 1, 1883	985	229	.23	Farmer	do	
.....	do	do		Mar. 24, 1884	596	231	.39	Hero	do	
.....	do	do		Mar. 21, 1884	599	218	.36	Duke	do	
335	B. Waddel, Marion, O.			Apr. 10. 1883	945	265	.28	Jumbo	Cotswold.	
.....	do	do		Apr. 15, 1883	940	204	.22	Henry	½ Cotswold, ½ Shropshire.	
.....	do	do		Apr. 10, 1883	945	210	.22	Martin	do	do
.....	do	do		Apr. 12, 1883	943	211	.22	John	Leicester.	
.....	do	do		May 10, 1883	915	241	.26	Noble	do	
.....	do	do		June 1, 1883	893	210	.23	Peter	Cotswold.	
.....	do	do		May 10, 1883	915	186	.20	George	Shropshire.	
.....	do	do		Dec. 20, 1883	691	185	.26	Joe	do	
.....	do	do		Dec. 20, 1883	691	170	.24	Lee	do	
.....	do	do		Dec. 25, 1883	686	177	.26	Ben	½ Shropshire, ½ Southdown.	
.....	do	do		Dec. 25, 1883	686	179	.26	Willey	do	do

CLASS C--SHEEP--CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
.....	B. Waddel, Marion, O.....	Dec. 28, 1883	683	191	.28	Fant	½ Shropshire, ½ Southdown.
.....	do do	Aug. 2, 1885	100	77	.77	Longtail	½ Leicester, ½ Cotswold.
.....	W. D. & L. C. Anderson, Anderson, O.....	Mar. 9, 1884	611	190	.31	Victor.....	Southdown.
.....	Stone & Loake, Stonington, Ill.....	Apr. 28, 1883	927	200	.21	Economy.....	Oxford.
.....	do do	Apr. 20, 1883	935	181	.19	Perfection	do
.....	do do	Apr. 26, 1885	198	133	.67	Champion.....	do
.....	do do	Apr. 30, 1885	194	94	.48	Tuck.....	do
.....	do do	Apr. 6, 1884	583	157	.27	Baker	Cotswold.
.....	do do	Apr. 15, 1884	574	181	.31	Jack	do
.....	do do	Apr. 25, 1883	930	200	.21	Hudson	½ Shropshire, ¼ Cotswold, ¼ Native.
.....	do do	Apr. 29, 1883	926	165	.17	Gregory.....	½ Southdown, ½ Native.
.....	do do	Apr. 20, 1883	935	176	.19	Hall.....	do do
.....	do do	Apr. 22, 1884	567	160	.28	Curley	½ Oxford, ¼ Cotswold, ¼ Native.
.....	do do	Apr. 27, 1885	197	105	.53	Smut.....	do do do
.....	Frank Srout, McLean, Ill	Mar. 12, 1882	1339	258	.19	Mat	Cotswold.
.....	do do	Apr. 1, 1882	1320	170	.13	Joe	Leicester.
.....	do do	Apr. 1, 1882	1320	218	.16	Harvey	
.....	do do	.....	.....	170	.....	Jim	
.....	do do	Apr. 1, 1882	1320	211	.16	Curly	Leicester.
.....	John Rutherford, Roseville, Ont.....	Mar. 15, 1883	971	258	.26	Hazlet	Shropshire.
.....	do do	Apr. 10, 1884	579	178	.31	Lorne.....	do
.....	do do	Apr. 1883	.....	262	.....	Charlie.....	Hampshire.
.....	do do	Apr. 28, 1885	196	118	.60	Black Bill	do
.....	do do	Apr. 1882	.....	279	.....	Jumbo	Oxford.
.....	do do	Apr. 15, 1882	1305	346	.26	Curly Jim	Leicester.
.....	do do	May 10, 1883	915	250	.27	Dick	do
.....	do do	Apr. 20, 1884	569	204	.36	Rob Roy	do
.....	do do	Apr. 20, 1884	569	219	.31	Honest Gazier.....	do

.....	John Rutherford,	Roseville, Ont.....	Apr. 20, 1885	204	133	.65	Smith.....	Leicester.
.....	do	do	May 1883	.....	282	.....	James Brown.....	Lincoln.
.....	do	do	May 1883	.....	273	.....	Robin Hood	do
.....	do	do	Apr. 1884	.....	221	.....	Master Bili	do
.....	do	do	Apr. 1884	.....	216	.....	Prof. Hobbs.....	do
.....	do	do	May 10, 1885	185	124	.67	Peter	do
.....	do	do	May 15, 1885	180	.....	.....	George.....	½ Shropshire, ½ Leicester.

CLASS D—SWINE—E. B. DAVID, SUPERINTENDENT.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days November 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
272	Frank Srout, McLean, Ill	May 29, 1884	530	437	.82	Bill	Berkshire.
272	do do	Dec. 1, 1884	345	288	.83	Scott	do
272	do do	Dec. 1, 1884	345	280	.81	Jim	do
273	do do	May 17, 1884	542	545	1.00	Jack	Poland-China.
273	do do	May 20, 1884	539	562	1.00	Bully	⅞ Poland-China, ⅛ Native.
274	J. A. Countryman, Rochelle, Ill	.....	.....	194	.....	Jack	Poland-China.
274	Thomas Bennett, Rossville, Ill	May 3, 1884	555	615	1.11	Cleveland	Duroc Jersey Red.
275	do do	May 3, 1884	555	533	.96	Blaine	do do
275	do do	May 13, 1884	545	494	.91	Mugwump	do do
278	J. A. Countryman, Rochelle, Ill	Sep. 11, 1884	425	415	.98	X L 3d	Poland-China.
278	do do	Sep. 14, 1884	422	417	.99	X L 4th	do
279	do do	Aug. 27, 1884	440	500	1.14	X L 1st	do
279	do do	Sep. 11, 1884	425	427	1.00	X L 2d	do
280	do do	Sep. 16, 1884	420	410	.98	X L 5th	do
280	do do	Sep. 16, 1884	420	415	.99	X L 6th	do
281	do do	Sep. 17, 1884	419	418	1.00	Major	do
281	do do	Sep. 21, 1884	415	396	.95	Dick	do
282	do do	Sep. 19, 1884	417	393	.94	X L 8th	do
282	do do	Sep. 20, 1884	416	385	.92	X L 9th	do
283	do do	Sep. 19, 1884	417	403	.96	X L 7th	do
283	do do	Sep. 20, 1884	416	392	.94	X L 10th	do
283	do do	Nov. 24, 1884	351	323	.92	Lookout	do
284	do do	Apr. 17, 1885	207	212	1.02	Packer	do
284	do do	Apr. 20, 1885	204	198	.97	Polo	do
284	do do	Apr. 15, 1883	209	197	.94	Jim	¾ Poland-China, ¼ Native.
285	E. T. Doney, Jackson, Mich	July 1, 1884	497	400	.80	Winner	Essex.
286	B. F. Waters, Rochester, Ill	June 1, 1885	162	238	1.47	Billy	6-8 Poland-China, ⅛ Berkshire, ⅛ Nat.
286	do do	June 1, 1885	162	244	1.51	Jack	do do do

286	B. F. Waters, Rochester, Ill	June 1, 1885	162	253	1.56	Jim	6-8 Poland-China, ⅛ Berkshire, ⅛ Nat.	
287	do do	June 1, 1885	162	261	1.62	Tom	do	do do
287	do do	June 1, 1885	162	245	1.51	Peter	do	do do
287	do do	June 1, 1885	162	262	1.62	Jumbo	do	do do
288	Frank Willson, Jackson, Mich	May 3, 1885	191	255	1.33	Doctor	Suffolk.	
288	do do	May 3, 1885	191	256	1.33	Ned	do	
289	do do	Sep. 8, 1884	428	400	.93	Tom	Essex.	
289	do do	Sep. 8, 1884	428	381	.90	Jerry	do	
298	B. T. Railsback, Hopedale, Ill	Nov. 26, 1884	349	463	1.32	Willow Wood D	Duroc Jersey.	
298	do do	Nov. 26, 1884	349	405	1.13	Wild Eyes D	do	
299	do do	Nov. 26, 1884	349	430	1.23	Bruce D	do	
299	do do	Nov. 26, 1884	349	471	1.32	Progress D	do	
300	do do	Nov. 26, 1884	349	417	1.19	Tom D	do	
301	Frank Willson, Jackson, Mich			345		Jerry 2d	Suffolk.	
301	do do	Oct. 12, 1884	394	380	.96	Henry	½ Suffolk, ½ Chester White.	
302	do do	Oct, 2, 1884	404	384	.95	Snow Flake	Suffolk.	
302	do do	Oct. 2, 1884	404	347	.85	Snow Ball	do	
303	do do	May 28, 1885	166	222	1.34	Robt. C	¾ Suffolk, ¼ Chester White.	
303	do do			201		W. H	do do	
304	Stone & Loake, Stonington, Ill	Apr. 20, 1885	204	264	1.29	Prince 2d	Victoria.	
304	do do	June 1, 1885	162	195	1.20	Snow Ball 3d	do	
305	do do	June 1, 1885	162	218	1.34	Snow Ball 2d	do	
305	do do	June 1, 1885	162	228	1.40	Snow Ball 1st	do	
306	do do	July 31, 1884	467	405	.84	Dick	do	
307	do do	May 28, 1885	166	207	1.24	Leister	Poland-China.	
307	do do	May 28, 1885	166	214	1.28	Clement	do	
308	J. A. Countryman, Rochelle, Ill	Feb. 8, 1883	275	210	.76	Prince	Poland-China.	
308	do do	Apr. 10, 1883	204	224	1.10	Pearl	do	
309	L. C. Henley, Mattoon, Ill	Oct. 27, 1884	379	412	1.09	Logan	½ Yorkshire, ½ Poland-China.	
309	do do	Oct. 25, 1884	381	475	1.23	John A	do	do
310	do do	Oct. 25, 1884	381	465	1.22	Blaine	do	do
310	do do	Oct. 25, 1884	381	474	1.23	Gillespie	do	do
311	do do	Oct. 25, 1884	381	460	1.21	Jim	do	do
312	do do	Feb. 10, 1885	273	278	1.01	Clark	Small Yorkshire.	
312	do do	Mar. 28, 1885	227	219	.96	Joe	do	
313	do do	Mar. 28, 1885	227	282	1.15	Ed	do	
313	do do	Mar. 28, 1885	227	289	1.27	Sam	do	
314	do do	May 25, 1885	169	202	1.19	Dan	do	
319	S. H. Todd, Wakeman, Ohio	June 22, 1885	141	178	1.25	Tom	⅞ Chester White, ⅛ Native	
319	do do	Mar. 20, 1885	234	244	1.04	St. John		

CLASS D—SWINE—CONTINUED.

No. of Stall.	NAME AND POSTOFFICE OF EXHIBITOR.	Date of Birth.	Age in Days. Nov. 10, 1885.	Weight November 10, 1885.	Av. gain per day in lbs. since birth.	NAME OF ANIMAL.	BREED.
319	S. H. Todd, Wakeman, Ohio	June 22, 1885	141	194	1.38	Jim	⅞ Chester White, ⅛ Native.
320	do do	Mar. 20, 1885	247	340	1.36	Sam	Chester White.
321	do do	Sep. 10, 1884	426	410	.94	Ginger	½ Poland-China, ½ Chester White.
322	do do	May 22, 1884	537	622	1.16	Hefty	Chester White.
322	do do	May 22, 1884	537	552	1.03	George	do
322	do do	Aug. 31, 1884	436	444	1.02	Chub	do
324	do do	May 28, 1884	531	515	.99	Dick	do
324	Frank Srout, McLean, Ill	Aug. 10, 1882	188	662	.56	Charley	½ Chester White, ½ Poland-China.
325	S. H. Todd, Wakeman, Ohio	May 22, 1884	537	554	1.03	Boss	Chester White.
326	do do	May 28, 1884	531	506	.95	Bob	do
328	Frank Srout, McLean, Ill	May 7, 1884	542	548	1.01	Harry	Poland-China.
328	do do	May 20, 1884	539	495	.92	Dave	⅞ Poland-China, ⅛ Native.
329	do do	May 26, 1884	533	500	.94	Ed	do do
329	do do	.....	.....	491	.....	Harry	
331	B. T. Railsback, Hopedale, Ill	June 26, 1884	502	500	1.00	Blossburg B	
331	do do	June 26, 1884	502	489	.97	Tom B	
332	do do	June 26, 1884	502	498	.99	Clifford B	
332	do do	June 26, 1884	502	535	1.06	Dave B	
333	do do	June 26, 1884	502	447	.89	Joe B	
333	do do	June 26, 1884	502	551	1.10	Henry B	
334	do do	Jan. 4, 1885	310	430	1.49	Beaver	
371	Frank Srout, McLean, Ill	Nov. 22, 1884	353	418	1.19	Jake	Chester White.
371	do do	Nov. 22, 1884	353	440	1.25	Tom	do

CATALOGUE

OF

ENTRIES.

CLASS A—CATTLE.

BEEF BREEDS.

La Fayette Funk, Superintendent.

Lot 1—Shorthorn.

Age 3 and under 4 Years.

Date of Birth.	EXHIBITOR.	Age in days. Nov. 10, 1885.	Name of Animal.
Dec. 16, 1881	Morrow & Renick, Clintonville, Ky	1425	Schooler.
.....	do do	.....	Bedford No. 4.
Jan. 13, 1882	do do	1397	Wethers.
.....	do do	.....	Renick's Sharon.

Age 2 and under 3 Years.

Nov. 28, 1882	C. S. Barclay, West Liberty, Ia	1078	Snow Ball.
May 20, 1883	J. H. Potts & Son, Jacksonville, Ill	905	Frank.
Jan. 23, 1883	J. R. Peak & Son, Winchester, Ill	1022	Gen. Custer.
Mar. 4, 1883	do do	982	L. Cunningham.
Mar. 2, 1883	do do	984	Joe Cannon.
June 27, 1883	do do	867	Baron Constance.
Mar. 1, 1883	do do	985	Cambridge Geneva.
Jan. 19, 1883	W. S. White, Sabetha, Kan	1026	Roan Twin.
April 17, 1883	Morrow & Renick, Clintonville, Ky	938	Cunningham.
Feb. 25, 1883	do do	987	Swift.

Age 1 and under 2 Years.

Feb. 10, 1884	B. Waddel, Marion, Ohio	639	Orio.
July 1, 1884	Elbert & Fall, Albia, Ia	497	Cleveland.

Age under 1 Year.

Mar. 18, 1885	J. R. Peak & Son, Winchester, Ill	237	Duke of Ashbrook, 2d

Lot 2—Herefords.

Age 3 and under 4 Years.

May 26, 1882	Swan & Bosler, Indianola, Ia	1264	Tom.
April 16, 1882	do do	1304	Jim.
June 13, 1882	do do	1246	Alfred.
June 14, 1882	do do	1245	George.
May 24, 1882	Indiana Blooded Stock Co., Indianapolis, Ind	1256	Suspense.
April 6, 1882	do do	1314	Champion.
April 2, 1882	do do	1318	Cornwall.
May 4, 1882	do do	1286	Stokesay.

CATTLE—CLASS A—Continued.

Lot 2—Herefords—Continued.

Age 2 and under 3 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Jan. 22, 1883	Adams Earl, Lafayette, Ind	1023	Elkington.	
April 30, 1883	Geo. Leigh & Co., Aurora, Ill	925	Sampsen.	
June 3, 1883	do do	891	Bendigo.	
Dec. 14, 1882	Fowler & Van Natta, Fowler, Ind	1062	Tempest.	
Dec. 3, 1882	B. Hershey, Muscatine, Ia	1073	Champion.	

Age 1 and under 2 Years.

June 21, 1884	Geo. Leigh & Co., Aurora, Ill	507	Slasher.	
May 1, 1885	do do	558	Frank.	

Lot 4—Aberdeen-Angus or Galloways.

Age 2 and under 3 Years.

Jan. 23, 1883	Jas. J. Hill, St. Paul, Minn	1022	Benholm.	
Feb. 5, 1883	do do	1009	Wildy.	
Sept. 28, 1883	Indiana Blooded Stock Co., Indianapolis,	774	Blaine	
Oct. 8, 1883	do do do	764	Logan.	

Age 1 and under 2 Years.

Mar. 27, 1884	Gudgell & Simpson, Independence, Mo	593	Sandy.	

Age under 1 Year.

June 10, 1885	Gudgell & Simpson, Independence, Mo	153	Alex.	

Lot 5—Holstein-Friesian.

Age 3 and under 4 Years.

Dec. 29, 1881	Lucien Scott, Leavenworth, Kan	1412	Gottlieb.	

Age under 1 Year.

Feb. 7, 1885	Thomas B. Wales, Jr., Iowa City, Iowa	276	Brookbank Lad.	

Lot 6—Grades and Crosses.

Age 3 and under 4 Years.

Sept. 21, 1882	Geo. Elliott, Harristown, Ill	1139	Little Britain	⅞ Shorthorn. ⅛ Native.
April 15, 1882	C. M. Culbertson, Chicago, Ill	1305	Scott	⅞ Hereford. ⅛ Native.
April 15, 1882	do do	1305	Schuttler	¾ Hereford. ¼ Native.
May 1, 1882	do do	1289	Reynolds	do
July 15, 1882	do do	1214	Dysart	do
May 15, 1882	do do	1275	Pearce	do
June 7, 1882	Adams Earl, LaFayette, Ind	1252	Dick	¾ Hereford. ¼ Native.
April 18, 1885	do do	1302	Excelsior	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Feb. 25, 1882	J. H. Potts & Son, Jacksonville, Ill	1354	Champion	⅞ Shorthorn. ⅛ Native.
Oct. 1, 1882	do do	1137	Surprise	do
	Swan & Bosler, Indianola, Ia		Jake	
June 8, 1882	John D. Gillett, Elkhart, Ill	1251	J. P. Reynolds	15-16 Shorthorn. 1-16 Native.
April 5, 1882	do do	1315	Right-About	do
Dec. 28, 1881	do do	1413	McCue	do

CATTLE—CLASS A—Continued.

Lot 6—Grades and Crosses—Continued.

Age 3 and under 4 Years—Continued.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Dec. 24, 1881	Morrow & Renick, Clintonville, Ky	1417	Eales	31-32 Shorthorn. 1-32 Native.
Dec. 3, 1881	John P. Gillett, Elkhart, Ill	1438	Barney	15-16 Shorthorn. 1-16 Native.
June 25, 1882	do do	1234	Cherry	do
May 24, 1882	Fowler & Van Natta, Fowler, Ind	1266	McGregor	¾ Hereford. ⅛ Shorthorn. ⅛ Native.
April 14, 1882	do do	1306	Regulus	½ Hereford. ¼ Shorthorn. ¼ Native.
April 27, 1882	Lucien Scott, Leavenworth, Kan	1293	Boots	½ Holstein. ½ Native.
July 25, 1882	do do	1204	Jessey	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Sept. 1, 1882	B. Waddel, Marion, Ohio	1166	Dan	⅞ Shorthorn. ⅛ Native.
July 6, 1882	John B. Sherman, Chicago, Ill	1223	Warfield	31-32 Shorthorn. 1-32 Native.
May 20, 1882	do do	1270	Richland	⅞ Shorthorn. ⅛ Native.
March 25, 1882	do do	1326	Albright	½ Hereford. 7-16 Shorthorn. 1-16 Native.
Dec. 10, 1881	do do	1431	Longmore	¾ Shorthorn. ¼ Angus.
Feb. 22, 1882	James J. Hill, St. Paul, Minn	1352	Hutcheon	¾ Angus. ¼ Shorthorn.
Jan. 27, 1882	do do	1383	Turriff	do
March 1, 1882	Ind. Blooded Stock Co., Indianapolis, Ind.	1350	Stonington	¾ Hereford. ¼ Shorthorn.

Age 2 and under 3 Years.

Nov. 29, 1882	C. S. Barclay, West Liberty, Iowa	1078	White Cedar	⅞ Shorthorn. ⅛ Native.
May 15, 1883	Chas. B. Stuart, Lafayette, Ind	910	Texas Boy	½ Hereford. ½ Texan.
May 15, 1883	Seabury & Sample, Lafayette, Ind	910	Joe	½ Hereford. ¼ Shorthorn. ¼ Native.
Mar. 24, 1883	J. H. Potts & Son, Jacksonville, Ill	962	Red Cloud	⅞ Shorthorn. ⅛ Native.
Mar. 25, 1883	do do	961	Victor	do
June 22, 1883	do do	872	Major Taylor	do
May 20, 1883	do do	905	Richmond	do
May 19, 1883	do do	906	Billie S	do
Mar. 1, 1883	do do	985	Mack	do
Mar. 10, 1883	J. R. Peak & Son, Winchester, Ill	976	Roan Boy	⅞ Shorthorn. ⅛ Native.
Apr. 11, 1883	do do	944	Wild Bill	
Mar. 19, 1883	John D. Gillett, Elkhart, Ill	967	Driver	15-16 Shorthorn. 1-16 Native.
Feb. 12, 1883	do do	1002	Rocket	do
May 10, 1883	do do	915	Victor	do
June 26, 1883	do do	868	Doe Woods	do
Mar. 10, 1883	do do	976	Col. Mills	do
April 22, 1883	John P. Gillett do	933	Constance	do
Aug. 5, 1883	do do	828	Red Plum	do
April 20, 1883	do do	935	Cuba	do
Jan. 3, 1883	do do	1042	Cain	do
Jan. 28, 1883	Fowler & Van Natta, Fowler, Ind	1017	Dandy Boy	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 30, 1882	do do	1046	Benton Will	do
Jan. 15, 1883	do do	1030	Adams	do
June 20, 1882	do do	1239	Peter	½ Hereford. ½ Jersey.
Feb. 15, 1883	Lucien Scott, Leavenworth, Kan	999	Captain	½ Holstein. ½ Native.
Mar. 24, 1883	do do	962	Faith	do

CATTLE—CLASS A—Continued.

Lot 6—Grades and Crosses—Continued.

Age 2 and under 3 Years—Continued.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Mar. 8, 1883	B. Hershey, Museatine, Ia	978	Prospect	½ Hereford. ½ Native.
May 20, 1883	John B. Sherman, Chicago, Ill	905	Gem	31-32 Shorthorn. 1-32 Native.
April 15, 1883	do do		Turk	15-16 Shorthorn. 1-16 Native.
Jan. 28, 1883	Forbes Bros., Henry, Ill	1017	Reuben Brodus	⅞ Shorthorn. ⅛ Native.
Mar. 10, 1883	do do	976	Varna	do

Age 1 and under 2 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Apr. 20, 1884	T. W. Hunt, Ashton, Ill	569	Billy	31-32 Shorthorn. 1-32 Native.
Apr. 12, 1884	do do	577	Reliance	15-16 Shorthorn. 1-16 Native.
Dec. 11, 1883	Seabury & Sample, LaFayette, Ind	700	Bob	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 20, 1883	do do	691	Mort	do
Dec. 10, 1883	do do	701	Sam	15-16 Hereford. 1-16 Shorthorn.
Dec. 12, 1883	do do	699	Jack	½ Hereford. ¼ Shorthorn. ¼ Native.
Nov. 28, 1883	Adams Earl, LaFayette, Ind	713	Sir Bartle 1st	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Mar. 29, 1884	do do	591	Sir Bartle 2d	½ Hereford. ¼ Shorthorn. ¼ Native.
Apr. 15, 1884	do do	574	Sir Bartle 3d	½ Hereford. ½ Shorthorn.
Apr. 22, 1884	do do	567	Sir Bartle 4th,	½ Hereford. ¼ Shorthorn. ¼ Native.
May 23, 1884	do do	536	Sir Bartle 5th	do
May 24, 1884	do do	535	LaFayette	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Dec. 26, 1883	J. H. Potts & Son, Jacksonville, Ill	605	Bob Moore	⅞ Shorthorn. ⅛ Native.
Feb. 26, 1884	J. R. Peak & Son, Winchester, Ill	621	Tommylin	
Mar. 3, 1884	do do	617	Henry	
Feb. 17, 1884	do do	632	Mareus	
Mar. 1, 1884	do do	619	Richard	
Mar. 12, 1884	do do	608	Arch	
May 24, 1884	do do	535	Rover	
July 26, 1884	Swan & Bosler, Indianola, Ia	470	Roan Dan	½ Hereford. ½ Native.
Dec. 2, 1883	John D. Gillett, Elkhart, Ill	709	Champion	15-16 Shorthorn. 1-16 Native.
Jan. 3, 1884	do do	677	Roy	do
June 22, 1884	do do	506	Bob	do
May 25, 1884	do do	534	Lightfoot	do
Dec. 14, 1883	Fowler & Van Natta, Fowler, Ind	697	Sam	½ Hereford. ¼ Shorthorn. ¼ Native.
Mar. 11, 1884	do do	609	Matthews	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 22, 1883	Lucien Scott, Leavenworth, Kan	689	Last Chance	¾ Holstein. ¼ Native.
Mar. 15, 1884	Wm. R. Estill, Estill, Mo	605	Flash	do
Nov. 10, 1884	B. Waddel, Marion, Ohio	365	Phillip	⅞ Shorthorn. ⅛ Native.
Nov. 27, 1883	Ind. Blooded Stock Co., Indianapolis, Ind.	714	Lindall	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Dec. 6, 1883	do do	705	Leland	do
Jan. 14, 1884	do do	666	Photograph	½ Hereford. ¼ Shorthorn. ¼ Native.

CATTLE—CLASS A—Continued.

Lot 6—Grades and Crosses—Continued.

Age under 1 Year.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Nov. 24, 1884	Seabury & Sample, LaFayette, Ind	351	Jumbo	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 29, 1884	do do	316	Davy	do
Jan. 15, 1885	J. H. Potts & Son, Jacksonville, Ill	299	Diamond	⅞ Shorthorn. ⅛ Native.
Dec. 6, 1884	J. R. Peak & Son, Winchester, Ill	339	Crown Prince	⅞ Shorthorn. ⅛ Native.
Jan. 23, 1885	do do	291	Lord Thomas	
Mar. 10, 1885	do do	245	Antony	
Nov. 17, 1884	do do	358	William Wissy	
Nov. 21, 1884	Swan & Bosler, Indianola, Ia	354	Honest Ben	½ Hereford. ¼ Shorthorn. ¼ Native.
Nov. 30, 1884	do do	345	Model	do
Dec. 26, 1884	do do	319	Swan's Shield	do
Nov. 22, 1884	do do	353	Pattern	do
Dec. 27, 1884	do do	318	Experiment	⅝ Hereford. ⅛ Shorthorn. 2-8 Jersey.
May 14, 1885	Henry Davis, Dyer, Ind	180	Marquis	½ Hereford. ½ Native.
Jan. 1, 1885	Lucien Scott, Leavenworth, Kan	314	Hickory	do
Feb. 17, 1885	Wm. R. Estill, Estill, Mo	266	Felix	½ Angus. ¼ Shorthorn. ¼ Native.
Mar. 13, 1885	Estill & Eliott, Estill, Mo	242	Clarence	½ Angus. ½ Shorthorn.
April 1, 1885	do do	224	Charlie	½ Angus. ½ Shorthorn.
Mar. 20, 1885	B. Hershey, Muscatine, Iowa	235	Sam	½ Hereford. ½ Native.
Feb. 6, 1885	do do	277	Frank	do
July 15, 1885	B. Waddel, Marion, Ohio	118	Charley	⅞ Shorthorn. ⅛ Native.
Jan. 15, 1885	Jas. A. Funkhouser, Plattsburg, Mo	229	Challenger	½ Hereford. 7-16 Shorthorn. 1-16 Native.
Jan. 25, 1885	do do	289	Curtis	½ Hereford. ¼ Shorthorn. ¼ Native.
Jan. 26, 1885	do do	288	Chromo	do
Feb. 8, 1885	do do	275	Clinton	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Feb. 21, 1885	do do	262	Conquest	do
Jan. 20, 1885	Frank Willson, Jackson, Mich	294	Monarch	⅞ Shorthorn. ⅛ Native.
Dec. 1, 1884	J. R. Price & Son, Williamsville	345	Express	
Jan. 1, 1885	do do	314	Excelsior	½ Hereford. ¼ Shorthorn. ¼ Native.

Lot 8—All Breeds and Grades by Ages.

Age 3 and under 4 Years.

Sept. 21, 1882	George Elliott, Harristown, Ill	1139	Little Britain	⅞ Shorthorn. ⅛ Native.
April 15, 1882	C. M. Culbertson, Chicago, Ill	1305	Scott	⅞ Hereford. ⅛ Native.
April 15, 1882	do do	1305	Schuttler	¾ Hereford. ¼ Native.
May 1, 1882	do do	1289	Reynolds	do
July 15, 1882	do do	1214	Dysart	do
May 15, 1882	do do	1275	Pearce	do
June 7, 1882	Adams Earl, LaFayette, Ind	1252	Dick	¾ Hereford. ¼ Native.
April 18, 1882	do do	1302	Excelsior	½ Hereford. ⅛ Shorthorn. ⅜ Native.

CATTLE—CLASS A—Continued.

Lot 8—All Breeds and Grades by Ages—Continued.

Age 3 and under 4 Years—Continued.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
May 24, 1882	Fowler & Van Natta, Fowler, Ind	1266	MeGregor	¾ Hereford. ⅛ Shorthorn. ⅛ Native.
April 14, 1882	do do	1306	Regulus	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 29, 1881	Lucien Scott, Leavenworth, Kan	1412	Gottlieb	Holstein.
Sept. 1, 1882	B, Waddel, Marion, Ohio	1166	Dan	⅞ Shorthorn. ⅛ Native.
July 6, 1882	John B. Sherman, Chicago, Ill	1223	Warfield	31-32 Shorthorn. 1-32 Native.
May 20, 1882	do do	1270	Richland	⅞ Shorthorn. ⅛ Native.
Mar. 25, 1882	do do	1326	Albright	½ Hereford. 7-16 Shorthorn. 1-16 Native.
Dec. 10, 1881	do do	1431	Longmore	¾ Shorthorn. ¼ Angus.
Feb. 22, 1882	Jas. J. Hill, St. Paul, Minn	1357	Hutcheon	¾ Angus. ¼ Shorthorn.
April 2, 1882	Ind. Blooded Stock Co., Indianapolis, Ind.	1318	Cornwall	Hereford.
Mar. 1, 1882	do do	1350	Stonington	¾ Hereford. ¼ Shorthorn.
May 24, 1882	do do	1266	Suspense	Hereford.
April 6, 1882	do do	1314	Champion	do
June 8, 1882	J. D. Gillett, Elkhart, Ill	1250	J. P. Reynolds	15-16 Shorthorn. 1-16 Native.
Dec. 28, 1881	do do	1413	McCune	
April 5, 1882	do do	1315	Right About	
Dec. 3, 1881	John P. Gillett, Elkhart, Ill	1438	Barney	do
Jan. 20, 1882	do do	1390	Red Jacket	

Age 2 and under 3 Years.

Nov. 28, 1882	C. S. Barclay, West Liberty, Iowa	1078	Snow Ball	Shorthorn.
Nov. 29, 1882	do do	1077	White Cedar	⅞ Shorthorn. ⅛ Native.
May 15, 1883	Charles B. Stuart, LaFayette, Ind	910	Texas Boy	½ Hereford. ½ Texan.
Jan. 22, 1883	Adams Earl, LaFayette, Ind	1023	Elkington	Hereford.
Nov. 10, 1883	J. R. Peak & Son, Winchester, Ill	976	Roan Boy	⅞ Shorthorn. ⅛ Native.
Jan. 23, 1883	do do	1022	Gen. Custer	Shorthorn.
Mar. 4, 1883	do do	982	L. Cunningham	do
Mar. 2, 1884	do do	984	Joe Cannon	do
Mar. 1, 1883	do do	975	Cambridge-Geneva	do
Apr. 30, 1883	Geo. Leigh & Co., Aurora, Ill	925	Sampson	Hereford.
June 3, 1883	do do	891	Bendigo	do
June 28, 1883	Fowler & Van Natta, Fowler, Ind	1017	Dandy Boy	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 30, 1882	do do	1046	Benton Will	½ Hereford. ¼ Shorthord. ¼ Native.
Jan. 15, 1883	do do	1030	Adams	do
June 20, 1883	do do	1239	Peter	½ Hereford. ½ Jersey.
Feb. 15, 1883	Lucien Scott, Leavenworth, Kan	999	Captain	½ Holstein. ½ Native.
Dec. 3, 1882	B. Hershey, Muscatine, Iowa	1073	Champion	Hereford.
Mar. 8, 1883	do do	978	Prospect	½ Hereford. ½ Native.
May 20, 1883	John B. Sherman, Chicago, Ill	905	Gem	31-32 Shorthorn. 1-32 Native.
Jan. 19, 1883	W. S. White, Sabetha, Kan	1026	Roan Twin	Shorthorn.
Jan. 28, 1883	Forbes Bros., Henry, Ill	1017	Reuben Broodus	⅞ Shorthorn. ⅛ Native.
Mar. 10, 1883	do do	976	Varna	do
Feb. 5, 1883	Jas. J. Hill, St. Paul, Minn	1009	Wildy	Angus.
Jan. 23, 1883	do do	1022	Benholm	do
Sept. 28, 1883	Ind. Blooded Stock Co., Indianapolis, Ind	774	Blaine	do
Feb. 12, 1883	J. D. Gillett, Elkhart, Ill	1004	Rocket	
Mar. 19, 1883	do do	967	Driver	15-16 Shorthorn.
Mar. 10, 1883	do do	976	Mills	1-16 Native.
Jan. 21, 1883	do do	1043	Fisher	
Aug. 5, 1883	John P. Gillett, Elkhart, Ill	828	Red Plum	do

CATTLE—CLASS A—Continued.

Lot 8—All Breeds and Grades by Ages—Continued.

Age 1 and under 2 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Apr. 20, 1884	T. W. Hunt, Ashton, Ill	569	Billy	31-32 Shorthorn. 1-32 Native.
Apr. 12, 1884	do do	577	Reliance	15-16 Shorthorn. 1-16 Native.
Nov. 28, 1883	Adams Earl, LaFayette, Ind	713	Sir Bartle 1st	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Mar. 29, 1884	Adams Earl, LaFayette, Ind	591	Sir Bartle 2d	½ Hereford. ¼ Shorthorn. ¼ Native.
Apr. 15, 1884	do do	574	Sir Bartle 3d	½ Hereford. ½ Shorthorn.
Apr. 22, 1884	do do	567	Sir Bartle 4th	½ Hereford. ¼ Shorthorn. ¼ Native.
May 23, 1884	do do	536	Sir Bartle 5th	½ Hereford. ¼ Shorthorn. ¼ Native.
May 24, 1884	do do	535	LaFayette	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Mar. 3, 1884	J. R. Peak & Son, Winchester, Ill	617	Henry	
Mar. 12, 1884	do do	608	Arch	
Feb. 17, 1884	do do	632	Marcus	
Mar. 1, 1884	do do	619	Richard	
Feb. 28, 1884	do do	621	Tommylin	
June 21, 1884	Geo. Leigh & Co., Aurora, Ill	507	Slasher	Hereford.
May 1, 1884	do do	558	Frank	do
Dec. 14, 1883	Fowler & Van Natta, Fowler, Ind	697	Sam	½ Hereford. ¼ Shorthorn. ¼ Native.
Mar. 11, 1884	do do	609	Matthews	do
Dec. 6, 1883	Overton Lea, Nashville, Tenn	705	Rosy	Sussex.
Mar. 15, 1884	Wm. R. Estill, Estill, Mo	605	Flash	½ Angus. ¼ Shorthorn. ¼ Native.
Nov. 10, 1884	B. Waddel, Marion, Ohio	365	Philip	⅞ Shorthorn. ⅛ Native.
Feb. 10, 1884	do do	339	Orio	Shorthorn.
July 1, 1884	Elbert & Fall, Albia, Iowa	497	Cleveland	Shorthorn.
Nov. 27, 1883	Ind. Blooded Stock Co., Indianapolis, Ind	714	Lindall	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Dec 6, 1883	do do	705	Leland	do
Jan. 14, 1884	do do	666	Photograph	½ Hereford. ¼ Shorthorn. ¼ Native.
Mar. 27, 1884	Gudgell & Simpson, Independence, Mo	593	Sandy	Angus.
Dec. 2, 1883	J. D. Gillett, Elkhart, Ill	709	Champion	15-16 Shorthorn. 1 16 Native.
May 25, 1884	do do	534	Lightfoot	15-16 Shorthorn. 1-16 Native.
July 28, 1884	do do	470	Morris	15-16 Shorthorn. 1-16 Native.

Age under 1 Year.

Feb. 7, 1885	Thos. B. Wales, Jr., Iowa City, Iowa	276	Brookbank Lad	Holstein.
Dec. 6, 1884	J. R. Peak & Sons, Winchester, Ill	339	Crown Prince	
Jan. 23, 1885	do do	291	Lord Thomas	
March 10, 1885	do do	245	Antony	
March 18, 1885	do do	237	Duke of Ashbrook	Shorthorn.
May 14, 1885	Henry Davis, Dyer, Ind	180	Marquis	½ Hereford. ½ Native.
Jan. 28, 1885	Overton Lea, Nashville, Tenn	286	Brown	Sussex.
Feb. 17, 1885	Wm. R. Estill, Estill, Mo	266	Felix	½ Angus. ¼ Shorthorn. ¼ Native.
March 20, 1885	B. Hershey, Muscatine, Iowa	235	Sam	½ Hereford. ½ Native
Feb. 6, 1885	do do	277	Frank	do

CATTLE—CLASS A—Continued.

Lot 8—All Breeds and Grades by Ages—Continued.

Age under 1 Year—Continued.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
July 15, 1885	B. Waddel, Marion, Ohio	118	Charley	7/8 Shorthorn. 1/8 Native.
June 10, 1885	Gudgell & Simpson, Independence, Mo	153	Alex	Angus.
Jan. 20, 1885	Frank Wilson, Jackson, Mich	294	Monarch	7/8 Shorthorn. 1/8 Native.
March 13, 1885	Estill & Elliott, Estill, Mo	242	Clarence	1/2 Angus. 1/4 Shorthorn.
April 1, 1885	do do	223	Charlie	1/2 Angus. 1/4 Shorthorn. 1/4 Native.

Lot 10—Grand Sweepstakes.

March 16, 1878	William Millar, Mattoon, Ill	2796	Lilly Airdrie 2d	Shorthorn.
April 13, 1878	W. G. Snyder, Henry, Ill	2768	Rose Culver	do
June 20, 1881	Swan Brothers, Indianola, Iowa	1604	Grace	Hereford.

Lot 11—5 Steers or Spayed Heifers.

Apr. 15, 1882	C. M. Culbertson, Chicago, Ill	1305	Scott	7/8 Hereford. 1/8 Native
Apr. 15, 1882	do do	1305	Shuttler	3/4 Hereford. 1/4 Native.
May 1, 1882	do do	1289	Reynolds	do
July 15, 1882	do do	1214	Dysart	do
May 15, 1882	do do	1275	Pearce	do
May 26, 1882	Swan & Bosler, Indianola, Iowa	1264	Tom	Hereford.
Apr. 16, 1882	do do	1304	Jim	do
June 13, 1882	do do	1246	Alfred	do
May 2, 1882	do do	1288	Jake	3/4 Hereford. 1/4 Shorthorn.
June 14, 1882	do do	1245	George	Hereford.
Dec. 28, 1881	John D. Gillett, Elkhart, Ill	1431	McCue	15-16 Shorthorn. 1-16 Native.
June 8, 1882	do do	1251	John P. Reynolds	do
Apr. 5, 1882	do do	1315	Right-About	do
July 30, 1882	do do	1199	Davie	do
Apr. 28, 1882	do do	1292	Lookover	do
Apr. 10, 1882	John P. Gillett, Elkhart, Ill	1310	Adams	do
Dec. 3, 1881	do do	1438	Barney	do
Mar. 12, 1882	do do	1339	Pointover	do
June 25, 1882	do do	1234	Cherry	do
Jan. 20, 1882	do do	1390	Red Jacket	do
Mar. 25, 1882	John B. Sherman, Chicago, Ill	1325	Albright	1/2 Hereford. 7-16 Shorthorn. 1-16 Native.
Msy 20, 1882	do do	1270	Richland	7/8 Shorthorn. 1/8 Native.
July 6, 1882	do do	1223	Warfield	31-32 Shorthorn. 1-32 Native.
May 30, 1882	do do	1260	Benton's Prince	15-16 Shorthorn. 1-16 Native.
July 13, 1882	do do	1216	Ben	31-32 Shorthorn. 1-32 Native.
Feb. 22, 1883	Jas. J. Hill, St. Paul, Minn	992	Hutcheon	3/4 Angus. 1/4 Shorthorn.
Mar. 15, 1882	do do	1336	Mackessack	1/2 Shorthorn. 1/2 Angus.
Jan. 27, 1882	do do	1383	Turriff	3/4 Angus. 1/4 Shorthorn.
Jan. 6, 1882	do do	1404	Rettie	1/2 Shorthorn. 1/2 Angus.
Apr. 15, 1882	do do	1305	Kinloss	1/2 Hereford. 7-16 Shorthorn. 1-16 Native.
May 24, 1882	Ind. Bl'd Stock Co., Indianapolis, Ind	1266	Suspense	Hereford.
Apr. 2, 1882	do do	1318	Cornwall	do
Mar. 1, 1882	do do	1350	Stonington	3/4 Hereford. 1/4 Shorthorn.
Apr. 6, 1882	do do	1314	Champion	Hereford.
May 4, 1882	do do	1286	Stokesay	do

CATTLE—CLASS A—Continued.

Lot 11—5 Steers or Spayed Heifers—Continued.

Age 2 and under 3 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
March 25, 1883	J. H. Potts & Son, Jacksonville, Ill.	961	Victor	7/8 Shorthorn. 1/8 Native.
May 20, 1883	do do	905	Frank	Shorthorn.
May 20, 1883	do do	905	Richmond	7/8 Shorthorn. 1/8 Native.
Mar. 24, 1883	do do	962	Red Cloud	do
May 19, 1883	do do	906	Billie S	do
Mar. 10, 1883	J. R. Peak & Son, Winchester, Ill	976	Roan Boy	do
Jan. 23, 1883	do do	1022	Gen. Custer	Shorthorn.
Nov. 4, 1883	do do	982	L. Cunningham	do
Mar. 2, 1883	do do	984	Joe Cannon	do
Mar. 1, 1883	do do	985	Cambridge-Geneva	do
Feb. 12, 1883	John D. Gillett, Elkhart, Ill.	1002	Rocket	15-16 Shorthorn. 1-16 Native.
Mar. 19, 1883	do do	967	Driver	do
Jan. 2. 1883	do do	1043	Fisher	do
May 10, 1883	do do	915	Victor	do
June 26, 1883	do do	868	Doc Woods	do
April 20, 1883	John P. Gillett, Elkhart, Ill	935	Cuba	Native.
Aug. 1, 1883	do do	832	York	do
Aug. 4, 1883	do do	829	Skipper	do
Jan. 3, 1883	do do	1042	Cain	do
Jan. 3, 1883	do do	1042	Abel	do
Feb. 25, 1883	Fowler & Van Natta, Fowler, Ind	989	Jerry	1/2 Hereford. 3/8 Shorthorn. 1/8 Native.
Dec. 14, 1882	do do	1062	Tempest	Hereford.
Jan. 28, 1883	do do	1017	Dandy Boy	1/2 Hereford. 1/4 Shorthorn. 1/4 Native.
Jan. 15, 1883	do do	1030	Adams	do
Dec. 30, 1882	do do	1046	Benton Will	do
May 20, 1883	John B. Sherman, Chicago, Ill	905	Gem	31-32 Shorthorn. 1-32 Native.
Jan. 17, 1883	do do	1028	Victor	do
May 15, 1883	do do	910	Red Knight	15-16 Shorthorn. 1-16 Native.
April 15, 1883	do do	940	Turk	do
May 25, 1883	do do	961	Greenview	do

Age 1 and under 2 Years.

Dec. 11, 1883	Seabury & Sample, LaFayette, Ind	700	Bob	1/2 Hereford. 1/4 Shorthorn. 1/4 Native.
Dec. 20, 1883	do do	691	Mort	do
Dec. 10, 1883	do do	701	Sam	15-16 Hereford. 1-16 Native.
Dec. 12, 1883	do do	699	Jack	1/2 Hereford. 1/4 Shorthorn. 1/4 Native.
Jan. 4, 1884	do do	676	George	do
Nov. 28, 1883	Adams Earl, LaFayette, Ind	713	Sir Bartle 1st	1/2 Hereford. 1/4 Shorthorn. 3/8 Native.
Mar. 29, 1884	do do	591	Sir Bartle 2d	1/2 Hereford. 1/4 Shorthorn. 1/4 Native.
April 15, 1884	do do	574	Sir Bartle 3d	1/2 Hereford. 1/2 Shorthorn.
April 22, 1884	do do	567	Sir Bartle 4th	1/2 Hereford. 1/4 Shorthorn. 1/4 Native.
May 23, 1884	do do	535	Sir Bartle 5th	do
Mar. 3, 1884	J. R. Peak & Son, Winchester, Ill	617	Henry	
Mar. 12, 1884	do do	608	Arch	
Feb. 17, 1884	do do	632	Marcus	
Mar. 1, 1884	do do	619	Richard	
Feb. 28, 1884	do do	621	Tommylin	

CATTLE—CLASS A—Continued.

Lot 11—5 Steers or Spayed Heifers—Continued.

Age 1 and under 2 Years—Continued.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Dec. 2, 1883	John D. Gillett, Elkhart, Ill	709	Champion	15-16 Shorthorn. 1-16 Native.
Jan. 3, 1884	do do	677	Royal	do
May 25, 1884	do do	534	Lightfoot	do
July 28, 1884	do do	470	Morris	do
Jan. 3, 1884	do do	677	Roy	do
Nov. 27, 1883	Ind. Blooded Stock Co., Indianapolis, Ind.	714	Lindall	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Dec. 6, 1883	do do	705	Leland	do
Sept. 4, 1884	do do	432	Tom	½ Hereford. ¼ Shorthorn. ¼ Native.
Jan. 14, 1884	do do	666	Photograph	do
Sept. 15, 1884	do do	421	Jessey	do

Age under 1 Year.

Dec. 6, 1884	J. R. Peak & Son, Winchester, Ill	339	Crown Prince	
Jan. 23, 1885	do do	291	Lord Thomas.	
Mar. 10, 1885	do do	245	Antony.	
Nov. 17, 1884	do do	358	Wm. Merlty	
Mar. 18, 1885	do do	237	Duke of A	Shorthorn.
Nov. 21, 1884	Swan & Bosler, Indianola, Ia	354	Honest Ben	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 26, 1884	do do	319	Swan's Shield	do
Nov. 30, 1884	do do	345	Model	do
Nov. 22, 1884	do do	353	Pattern	do
Dec. 27, 1884	do do	318	Experiment	10-16 Hereford. 2-16 Shorthorn. 4-16 Jersey.
July 15, 1885	James A. Funkhouser, Plattsburg, Mo	299	Challenge	½ Hereford. 7-16 Shorthorn. 1-16 Native.
Feb. 8, 1885	do do	275	Clinton	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Jan. 25, 1885	do do	289	Curtis	½ Hereford. ¼ Shorthorn. ¼ Native.
Jan. 26, 1885	do do	288	Chromo	do
Feb. 21, 1885	do do	262	Conquest	½ Hereford. ⅜ Shorthorn. ⅛ Native.

Lot 12—Carcass.

Age 3 and under 4 Years.

June 7, 1882	Adams Earl, LaFayette, Ind	1252	Dick	¾ Hereford. ¼ Native.
Apr. 18, 1882	do do	1302	Excelsior	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Oct. 1, 1882	J. H. Potts & Son, Jacksonville, Ill	1136	Surprise	⅞ Shorthorn. ⅛ Native.
Mar. 10, 1883	John D. Gillett, Elkhart, Ill	976	Col. Mills	15-16 Shorthorn. 1-16 Native.
Mar. 29, 1881	Lucien Scott, Leavenworth, Kan	1412	Gottlieb	Holstein.
Apr. 27, 1882	do do	1293	Boots	½ Holstein. ½ Native.
July 25, 1882	do do	1204	Jessey	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Feb. 22, 1883	James J. Hill, St. Paul, Minn	992	Hutcheon	¾ Angus. ¼ Shorthorn.
Jan. 27, 1882	do do	1383	Turriff	do
Apr. 15, 1882	do do	1305	Kinloss	½ Shorthorn. ½ Angus.

CATTLE—CLASS A—Continued.

Lot 12—Carcass—Continued.

Age 2 and under 3 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Nov. 28, 1882	C. S. Barclay, West Liberty, Ia	1078	Snow Ball	Shorthorn.
Nov. 29, 1882	do do	1077	White Cedar	7/8 Shorthorn. 1/8 Native.
May 15, 1883	Chas. B. Stuart, LaFayette, Ind	910	Texas Boy	1/2 Hereford. 1/2 Texan.
May 15, 1883	Seabury & Sample, LaFayette, Ind	910	Joe	1/2 Hereford. 1/4 Shorthorn. 1/4 Native.
Jan. 22, 1883	Adams Earl, LaFayette, Ind	1023	Elkington	Hereford.
Mar. 10, 1883	J. R. Peak & Son, Winchester, Ill	976	Roan Boy	7/8 Shorthorn. 1/8 Native.
Aug. 5, 1883	John P. Gillett, Elkhart, Ill	828	Red Plum	15-16 Shorthorn. 1-16 Native.
June 3, 1883	Geo. Leigh & Co., Aurora, Ill	891	Bendigo	Hereford.
Jan. 28, 1783	Fowler & Van Natta, Fowler, Ind	1017	Dandy Boy	1/2 Hereford. 1/4 Shorthorn. 1/4 Native.
Feb. 15, 1883	Lucien Scott, Leavenworth, Kan	999	Captain	1/2 Holstein. 1/2 Native.
Mar. 24, 1883	do do	962	Faith	1/2 Hereford. 1/8 Shorthorn. 3/8 Native.
Dec. 3, 1882	B. Hershey, Muscatine, Iowa	1073	Champion	Hereford.
Jan. 19, 1883	W. S. White, Sabetha, Kan	1026	Roan Twin	Shorthorn.
Jan. 28, 1883	Forbes Bros., Henry, Ill	1017	Reuben Broadus	7/8 Shorthorn. 1/8 Native.
Mar. 10, 1883	do do	976	Varna	do
Jan. 23, 1883	Jas. J. Hill, St. Paul, Minn	1022	Benholm	Angus.

Age 1 and under 2 Years.

Nov. 28, 1883	Adams Earl, LaFayette, Ind	713	Sir Bartle 1st.	1/2 Hereford. 1/8 Shorthorn 3/8 Native.
Feb. 28, 1884	J. R. Peak & Son, Winchester, Ill	621	Tommylin	
July 24, 1884	Swan & Bosler, Indianola, Ia	470	Roan Dan	1/2 Hereford. 1/2 Native.
June 22, 1884	John D. Gillett, Elkhart, Ill	506	Bob	15-16 Shorthorn. 1-16 Native.
July 28, 1884	Fowler & Van Natta, Fowler, Ind	470	Sam	1/2 Hereford. 1/2 Native.
Dec. 6, 1883	Overton Lea, Nashville, Tenn	705	Rosy	Sussex.
Dec. 22, 1883	Lucien Scott, Leavenworth, Kan	689	Last Chance	3/4 Holstein. 1/4 Native.
Nov. 10, 1884	B. Waddel, Marion, Ohio	365	Phillip	7/8 Shorthorn. 1/8 Native.
July 1, 1884	Elbert & Fall, Albia, Iowa	497	Cleveland	Shorthorn.

Lot 13.

Carcass Furnishing Largest per Cent Net to Gross Weight.

Nov. 28, 1882	C. S. Barclay, West Liberty, Iowa	1078	Snow Ball	Shorthorn.
Nov. 29, 1882	do do	1077	White Cedar	7/8 Shorthorn. 1/8 Native.
May 15, 1883	Chas. B. Stuart, Lafayette, Ind	910	Texas Boy	1/2 Hereford. 1/2 Texan.
Jan. 22, 1883	Adams Earl, Lafayette, Ind	1023	Elkington	Hereford.
June 7, 1882	do do	1252	Dick	3/4 Hereford. 1/4 Native.
April 18, 1882	do do	1302	Excelsior	3/8 Native. 1/2 Hereford. 1/8 Shorthorn.
Nov. 28, 1883	do do	713	Sir Bartle 1st.	1/2 Hereford. 1/8 Shorthord. 3/8 Native.
April 13, 1878	W. G. Snyder, Henry, Ill	2768	Rose Culver	Shorthorn.
.....	J. R. Peak & Son, Winchester, Ill	.....	Roan Boy	
.....	do do	.....	Tommylin	

CATTLE—CLASS A—Continued.

Lot 13—Continued.

Carcass Furnishing Largest per Cent Net to Gross Weight—Continued.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Mar. 10, 1883	John D. Gillett, Elkhart, Ill	976	Col. Mills	15-16 Shorthorn. 1-16 Native.
June 22, 1884	do do	506	Bob	do
April 28, 1882	do do	1292	Lookover	do
Aug. 5, 1883	John P. Gillett, Elkhart, Il	828	Red Plum	do
June 23, 1883	Geo. Leigh & Co., Aurora, Ill	891	Bendigo	Hereford.
Jan. 28, 1883	Fowler & Van Natta, Fowler, Ind	1017	Dandy Boy	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 14, 1883	do do	697	Sam	do
Dec. 6, 1883	Overton Lea, Nashville, Tenn	705	Rosy	Sussex.
Nov. 10, 1884	B. Waddel, Marion, Ohio	365	Phillip	⅞ Shorthorn. ⅛ Native.
Jan. 19, 1883	W. S. White, Sabetha, Kan	1026	Roan Twin	Shorthorn.
Jan. 28, 1883	Forbes Bros., Henry, Ill	1017	Reuben Breadus	⅞ Shorthorn. ⅛ Native.
Mar. 10, 1883	do do	976	Varna	do
July 1, 1884	Elbert & Fall, Albia, Iowa	497	Cleveland	Shorthorn.
Feb. 22, 1883	Jas. J. Hill, St. Paul, Minn	992	Hutcheon	¾ Angus. ¼ Native.
Jan. 27, 1882	do do	1383	Turriff	¾ Angus. ¼ Shorthorn.
Jan. 23, 1883	do do	1022	Benholm	Angus.
April 15, 1882	do do	1305	Kinloss	½ Shorthorn. ½ Angus.

Carcass Furnishing Largest per Cent of Edible Meat.

Nov. 28, 1882	C. S. Barclay, West Liberty, Iowa	1078	Snow Ball	Shorthorn.
Nov. 29, 1882	do do	1077	White Cedar	⅞ Shorthorn. ⅛ Native.
May 15, 1883	Chas B. Stuart, LaFayette, Ind	910	Texas Boy	½ Hereford. ½ Texan.
Jan. 22, 1883	Adams Earl, LaFayette, Ind	1023	Elkington	Hereford.
June 7, 1882	do do	1252	Dick	¾ Hereford. ¼ Native.
Nov. 28, 1883	do do	713	Sir Bartle 1st	½ Hereford. ¼ Shorthorn. ¼ Native.
April 18, 1882	do do	1302	Excelsior	½ Hereford. ⅛ Shorthorn. ⅜ Native.
April 13, 1878	W. G. Snyder, Henry, Ill	2768	Rose Culver	Shorthorn.
	J. R. Peak & Son, Winchester, Ill		Roan Boy	
	do do		Tommylin	
July 28, 1884	Swan & Bosler, Indianola, Ia	470	Roan Dan	½ Hereford. ½ Native.
Mar. 10, 1883	John D. Gillett, Elkhart, Ill		Bob	15-16 Shorthorn. 1-16 Native.
June 22, 1884	do do		Col. Mills	do
April 28, 1882	do do		Lookover	do
Aug. 5, 1883	John P. Gillett, Elkhart, Ill		Red Plum	do
June 3, 1883	Geo. Leigh & Co., Aurora, Ill	891	Bendigo	Hereford.
Jan. 28, 1883	Fowler & Van Natta, Fowler, Ind	1017	Dandy Boy	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 14, 1883	do do	697	Sam	do
Dec. 6, 1883	Overton Lea, Nashville, Tenn	705	Rosy	Sussex.
Nov. 10, 1884	B. Waddel, Marion, Ohio	365	Phillip	⅞ Shorthorn. ⅛ Native.
Jan. 19, 1883	W. S. White, Sabetha, Kan	1026	Roan Twin	Shorthorn.
Jan. 28, 1883	Forbes Bros., Henry, Ill	1017	Reuben Broadus	⅞ Shorthorn. ⅛ Native,
Mar. 10, 1883	do do	976	Varna	do
Feb. 22, 1883	Jas. J. Hill, St. Paul, Minn	992	Hutcheon	¾ Angus. ¼ Shorthorn.
Jan. 27, 1882	Jas. J. Hill, St. Paul, Minn	1383	Turriff	¾ Angus. ¼ Shorthorn.
Jan. 23, 1883	do do	1022	Benholm	Angus.
April 15, 1882	do do	1305	Kinloss	½ Shorthorn. ½ Angus.

CATTLE—CLASS A—Continued.

Lot 15.

Heaviest Fat Steer.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Apr. 14, 1882	Fowler & Van Natta, Fowler, Ind	1306	Regulus	½ Hereford. ¼ Shorthorn. ¼ Native.
May 24, 1882	do do	1266	MeGregor	¾ Hereford. ⅛ Shorthorn. ⅛ Native.
Dec. 29, 1881	Lucien Scott, Leavenworth, Kan	1412	Gottlieb	Holstein.
Mar. 28, 1880	A. A. Noyes, Steamboat Rock, Iowa	2053	Jim	⅝ Shorthorn. ⅜ Native.
May 15, 1880	John B. Sherman, Chicago, Ill	2004	Geo. Fox	15-16 Shorthorn. 1-16 Native.
Apr. 17, 1880	do do	2032	J. H. Truman	Shorthorn.
Feb. 1, 1881	do do	1743	White Cloud	do
June 15, 1882	do do	1244	Sandy	W. Highlander.
Apr. 25, 1884	do do	564	Scottish Plume	½ Hereford. ½ W. Highlander.
Feb. 22, 1883	Jas. J. Hill, St. Paul, Minn	992	Huteheon	¾ Angus. ¼ Shorthorn.

Lot 16—Gain per Day.

Age 3 and under 4 Years.

June 7, 1882	Adams Earl, LaFayette, Ind	1252	Diek	¾ Hereford. ¼ Native.
Feb. 25, 1882	J. H. Potts & Son, Jaeksonville, Ill	1354	Champion	⅞ Shorthorn. ⅛ Native.
Oct. 1, 1882	do do	1336	Surprise	do
June 8, 1882	John D. Gillett, Elkhart, Ill	1251	J. P. Reynolds.	15-16 Shorthorn. 1-16 Native.
July 30, 1882	do do	1199	Davie	do
May 24, 1882	Fowler & Van Natta, Fowler, Ind	1266	MeGregor	¾ Hereford. ⅛ Shorthorn. ⅛ Native.
Apr. 14, 1882	do do	1306	Regulus	½ Hereford. ¼ Shorthorn. ¼ Native.
July 25, 1882	Lueien Scott, Leavenworth, Kan	1204	Jessey	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Apr. 27, 1882	do do	1293	Boots	½ Holstein. ½ Native.
Sept. 1, 1882	B. Waddel, Marion, Ohio	1166	Dan	⅞ Shorthorn. ⅛ Native.
May 24, 1882	Ind. Bl'd Stock Co., Indianapolis, Ind	1266	Suspense	Hereford.

Age 2 and under 3 Years.

Mar. 25, 1883	J. H. Potts & Son, Jacksonville, Ill	961	Victor	⅞ Shorthorn. ⅛ Native.
Mar. 24, 1883	do do	962	Red Cloud	do
May 19, 1883	do do	906	Billie S	do
May 10, 1883	John D. Gillett, Elkhart, Ill	915	Victor	15-16 Shorthorn. 1-16 Native.
Feb. 12, 1883	do do	1002	Rocket	do
June 26, 1883	do do	868	Doc. Woods	do
April 30, 1883	Geo. Leigh & Co., Aurora, Ill	925	Sampson	Hereford.
June 3, 1883	do do	891	Bendigo	do
Jan. 28, 1883	Fowler & Van Natta, Fowler, Ind	1017	Dandy Boy	½ Hereford. ¼ Shorthorn, ¼ Native.
Jan. 15, 1883	do do	1030	Adams	do
Feb. 15, 1883	Lucien Scott, Leavenworth, Kan	999	Captain	½ Holstein. ½ Native.
Mar. 8, 1883	B. Hershey, Muscatine, Iowa	978	Prospect	½ Hereford. ½ Native.
Jan. 19, 1883	W. S. White, Sabetha, Kas	1026	Roan Twin	Shorthorn.
Jan. 28, 1883	Forbes Bros., Henry, Ill	1017	Reuben Breadus	⅞ Shorthorn. ⅛ Native.
Sept. 28, 1883	Ind. Blooded Stock Co., Indianapolis, Ind.	774	Blaine	Angus.
Oct. 8, 1883	do do	764	Logan	do

CATTLE—CLASS A—Continued.

Lot 16--Gain per Day—Continued.

Age 1 and under 2 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
April 20, 1884	T. W. Hunt, Ashton, Ill	569	Billy	31-32 Shorthorn. 1-32 Native.
Nov. 28, 1883	Adams Earl, LaFayette, Ind	713	Sir Bartle 1st	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Mar. 29, 1884	do do	591	Sir Bartle 2d	½ Hereford. ¼ Shorthorn. ¼ Native.
April 15, 1884	do do	574	Sir Bartle 3d	½ Hereford. ½ Shorthorn.
April 22, 1884	do do	566	Sir Bartle 4th	½ Hereford. ¼ Shorthorn. ¼ Native
May 23, 1884	do do	536	Sir Bartle 5th	do
June 21, 1884	Geo. Leigh & Co., Aurora, Ill	507	Slasher	Hereford.
May 1, 1884	do do	558	Frank	do
Dec. 6, 1883	Overton Lea, Nashville, Tenn	705	Rosy	Sussex.
Mar. 15, 1884	Wm. R. Estill, Estill, Mo	605	Flash	½ Angus. ¼ Shorthorn. ¼ Native.
Nov. 10, 1884	B. Waddel, Marion, Ohio	365	Phillip	⅞ Shorthorn. ⅛ Native.
Nov. 27, 1883	Ind. Blooded Stock Co., Indianapolis, Ind.	714	Lindall	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Sept. 4, 1884	do do	432	Tom	¼ Hereford. ¼ Shorthorn. ¼ Native.
Mar. 27, 1884	Gudgell & Simpson, Independenee, Mo	593	Sandy	Angus.

Age under 1 Year.

Jan. 15, 1885	J. H. Potts & Son, Jacksonville, Ill	299	Diamond	⅞ Shorthorn. ⅛ Native.
Nov. 21, 1884	Swan & Bosler, Indianola, Ia	354	Honest Ben	½ Hereford. ¼ Shorthorn. ¼ Native.
May 14, 1865	Henry Davis, Dyer, Ind	180	Marquis	½ Hereford. ½ Native.
Feb. 17, 1885	Wm. R. Estill, Estill, Mo	266	Felix	½ Angus. ¼ Shorthorn. ¼ Native.
Mar. 20, 1885	B. Hershey, Muscatine, Iowa	235	Sam	½ Hereford. ½ Native.
Feb. 6, 1885	do do	277	Frank	do
July 15, 1885	B. Waddel, Marion, Ohio	118	Charley	⅞ Shorthorn. ⅛ Native.
June 10, 1885	Gudgell & Simpson, Independenee, Mo	153	Alex	Angus.
Jan. 15, 1885	Jas. A. Funkhauser, Plattsburg, Mo	299	Challenge	½ Hereford. 7-16 Shorthorn. 1-16 Native.
Jan. 25, 1885	do do	289	Curtis	½ Hereford. ¼ Shorthorn. ¼ Native.
Jan. 26, 1885	do do	288	Chromo	do
Feb. 8, 1885	do do	275	Clinton	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Feb. 21, 1885	do do	262	Conquest	do
Jan. 20, 1885	Frank Willson, Jackson, Mich	294	Monarch	⅞ Shorthorn. ⅛ Native.
Mar. 13, 1885	Estill & Elliott, Estill, Mo	242	Clarence	½ Angus. ½ Shorthorn.

Lot 17—Cost of Production.

Age 1 and under 2 Years.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Apr. 12, 1884	T. W. Hunt, Ashton, Ill.	577	Reliance	15-16 Shorthorn. 1-16 Native.
Nov. 10, 1884	B. Waddel, Marion, Ohio	365	Phillip	7/8 Shorthorn. 1/8 Native.

Age under 1 Year.

May 14, 1885	Henry Davis, Dyer, Ind	180	Marquis	1/2 Hereford. 1/2 Native.
July 16, 1885	B. Waddel, Marion, Ohio	118	Charley	7/8 Shorthorn. 1/8 Native.
Jan. 20, 1885	Frank Wilson, Jackson, Mich	294	Monarch	do

DAIRY CATTLE.

JOHN P. REYNOLDS, SUPERINTENDENT.

Lot 18—Holstein-Friesian—Bulls.

Age 3 Years or Over.

Date of Birth.	EXHIBITOR.				Name of Animal.
Mch. 1, 1882	Thomas B. Wales, Jr., Iowa City, Iowa		.....	.....	Solon Prince....
Apr. 1, 1880	Smiths, Powell & Lamb, Syracuse, N. Y		.....	.....	Netherland Prince...
Apr. 15, 1882	do	do	.....	.....	Prince Imperial.....
Mch. 20, 1883	do	do	.....	.....	Prince of Artis.

Holstein-Friesian—Cows.

Age 3 Years or Over.

Jan. 17, 1879	Thomas B. Wales, Jr., Iowa City, Iowa		.....	.....	Jepma 2d.....
Mch. 10, 1882	do	do	.....	.....	Tritomia.....
Mch. 15, 1877	Smiths, Powell & Lamb, Syracuse, N. Y		.....	.....	Netherl'nd Baroness.
Mch. 1879	do	do	.....	.....	Lady Fay .....
Spring 1878	do	do	.....	.....	Valley Beauty.
Mch. 20, 1880	do	do	.....	.....	Netherland Bell..
Mch. 1880	do	do	.....	.....	Aaggie Cornelia 3d.
Mch. 15, 1882	do	do	.....	.....	Executrix.....
Feb. 27, 1882	do	do	.....	.....	Alexander's Queen..
Feb. 1876	Geo. E. Brown & Co., Aurora, Ill		.....	.....	Meika.....
Mch. 17, 1877	do	do	.....	.....	Filligree.....
Feb. 3, 1881	do	do	.....	.....	Iradne.....
Mch. 19, 1882	do	do	.....	.....	Sluitje.....
Mch. 10, 1881	do	do	.....	.....	Sealskin.....
Mch. 2, 1879	do	do	.....	.....	Lady Wheatland...
Mch. 10, 1881	do	do	.....	.....	Lady Van Tiel.....

Lot 19—Ayrshires—Bulls.

Age 3 Years or Over.

Dec. 13, 1880	John Stewart, Blackberry, Ill		.....	.....	Duke of Illinois

Ayrshires—Cows.

Age 3 Years or Over.

Oct. 29, 1880	John Stewart, Blackberry, Ill		.....	.....	Maid of Compton ....
Sept. 1878	do	do	.....	.....	Crummy.....
Mar. 18, 1875	do	do	.....	.....	Ayrshire Ellen
May 30, 1875	do	do	.....	.....	Spotty G.....

Lot 20—Jerseys—Bulls.

Age 3 Years or Over.

Mar. 7, 1880	Geo. F. Davis & Co., Dyer, Ind		.....	.....	Talcott.. .....
Mar. 5, 1882	E. H. Bierer, Rockford, Ill		.....	.....	Jumbo .....
May 2, 1879	Frank H. Johnson & Co., South Bend, Ind		.....	.....	Duke of WillowGrove

DAIRY CATTLE—CLASS A—Continued.

Lot 20—Continued.

Jerseys—Cows.

Age 3 Years or Over.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Feb. 25, 1882	Frank H. Johnson & Co., South Bend, Ind.	.....	Little Patience..	
Nov. 20, 1880	do do	.....	Luna Bell 2nd	
Jan. 11, 1879	Seth Wadhams, Elmhurst, Ill.....	.....	Gold Trinket 9,515.	
Dec. 28, 1882	do do	.....	Silver Hill 20905	

Special Lot Herefords.

BRED AND RAISED BY EXHIBITOR.

Age 2 and under 3 Years.

July 22, 1883	Adams Earl, LaFayette, Ind.....	1023	Elkington.....	
Dec. 3, 1882	B. Hershey, Muscatine, Ia.....	1073	Champion	

Grade Herefords.

GOT BY HEREFORD BULL.

Age 3 and under 4 Years.

June 7, 1882	Adams Earl, LaFayette, Ind.....	1252	Dick.....	¾ Hereford. ¼ Native.
April 18, 1882	do do	1302	Excelsior	½ Hereford. ⅛ Shorthorn. ⅜ Native.
May 24, 1882	Fowler & Van Natta, Fowler, Ind.....	1266	McGregor.....	¾ Hereford. ⅛ Shorthorn. ⅛ Native.
April 14, 1882	do do	1306	Regulus.....	½ Hereford. ¼ Shorthorn. ¼ Native.
July 25, 1882	Lucien Scott, Leavenworth, Kan.....	1204	Jessey	½ Hereford. ⅛ Shorthorn. ⅜ Native.

Age 2 and under 3 Years.

May 15, 1883	Chas. B. Stuart, LaFayette, Ind.....	910	Texas Boy.....	½ Hereford. ½ Texan.
June 15, 1883	Fowler & Van Natta, Fowler, Ind.....	1017	Adams	½ Hereford. ¼ Shorthorn. ¼ Native.
Feb. 25, 1883	do do	987	Jessey	do
Jan. 28, 1883	do do	1017	Dandy Boy	do
Dec. 30, 1882	do do	1046	Benton Will.....	do

Age 1 and under 2 Years.

Nov. 28, 1883	Adams Earl, LaFayette, Ind.....	713	Sir Bartle 1st.	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Mar. 29, 1884	do do	591	Sir Bartle 2d..	½ Hereford. ¼ Shorthorn. ¼ Native.
April 15, 1884	do do	574	Sir Bartle 3d	¼ Hereford. ½ Shorthorn.
April 22, 1884	do do	567	Sir Bartle 4th	½ Hereford. ¼ Shorthorn. ¼ Native.
May 23, 1884	do do	536	Sir Bartle 5th	do
May 24, 1884	do do	535	LaFayette.....	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Mar. 11, 1884	Fowler & Van Natta, Fowler, Ind.....	609	Matthews.....	½ Hereford. ¼ Shorthorn. ¼ Native.
Dec. 14, 1883	do do	697	Sam..... ..	do
Feb. 17, 1884	Lucien Scott, Leavenworth, Kan.....	632	Pontius Pilate	½ Hereford. ½ Native.
April 27, 1884	do do	562	Charity	½ Hereford. ⅛ Shorthorn. ⅜ Native.

DAIRY CATTLE—CLASS A—Continued.

Lot 10—Breeders' Gazette Medal. Grand Sweepstakes.

BEST ANIMAL IN THE SHOW, BRED AND RAISED BY EXHIBITOR.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
April 18, 1882	Adams Earl, LaFayette, Ind	1302	Excelsior	½ Hereford. ⅛ Shorthorn. ⅜ Native.
Nov. 28, 1883	do do	713	Sir Bartle 1st	do
Mar. 29, 1884	do do	591	Sir Bartle 2d	½ Hereford. ¼ Shorthorn. ¼ Native.
April 15, 1884	do do	574	Sir Bartle 3d	⅓ Shorthorn. ¼ Hereford.
April 22, 1884	do do	567	Sir Bartle 4th	½ Hereford. ¼ Shorthorn. ¼ Native.
May 23, 1884	do do	536	Sir Bartle 5th	do
Jan. 22, 1883	do do	1023	Elkington	Hereford.
Jan. 19, 1883	W. S. White, Sabetha, Kan	1026	Roan Twin	Shorthorn.

E. W. Blatchford & Co. offer for the Best Five Steers or Spayed Heifers of any Age or Breed, cash $50.00

Nov. 28, 1883	Adams Earl, LaFayette, Ind	713	Sir Bartle 1st	½ Hereford. ⅜ Shorthorn. ⅛ Native.
Mar. 29, 1884	do do	591	Sir Bartle 2d.	½ Hereford. ¼ Shorthorn. ¼ Native.
April 15, 1884	do do	574	Sir Bartle 3d,	½ Shorthorn. ½ Hereford.
April 22, 1884	do do	567	Sir Bartle 4th	½ Hereford. ¼ Shorthorn. ¼ Native.
May 23, 1884	do do	536	Sir Bartle 5th	do
Dec. 30, 1882	Fowler & Van Natta, Fowler, Ind	1046	Benton Will	½ Hereford. ¼ Shorthorn. ¼ Native.
Feb. 25, 1883	do do	989	Jessey	½ Hereford. ⅜ Shorthorn. ⅛ Native.
April 14, 1882	do do	1306	Regulus	½ Hereford. ¼ Shorthorn. ¼ Native.
May 24, 1882	do do	1266	MeGregor	¾ Hereford. ⅛ Shorthorn. ⅛ Native.
Mar. 28, 1883	do do	1017	Dandy Boy	½ Hereford. ¼ Shorthorn. ¼ Native.
June 8, 1882	J. D. Gillett, Elkhart, Ill	.....	J. P. Reyolds	15-16 Shorthorn. 1-16 Native.
April 5, 1882	do do	.....	Right About	do
Feb. 12, 1883	do do	.....	Rocket	do
Mar. 19, 1883	do do	.....	Driur	do
Dec. 28, 1881	do do	.....	McCue	do
Dec. 3. 1881	J. P. Gillett, do	.....	Barney	do
Jan. 20, 1882	do do	.....	Red Jaeket	do
June 25, 1882	do do	.....	Cherry	do
April 10, 1882	do do	.....	Adams	do
Aug. 5, 1883	do do	.....	Red Plume	do

CLASS B—HORSES.

DAVID GORE, Superintendent Draft Horses. E. C. LEWIS, Superintendent Light Horses.

Lot 22—Norman-Percheron. Stud Prize.

I. L. Ellwood, DeKalb, Illinois, offers for five best French Draft Stallions over 2 years old, imported in 1885, owned by one party, with or without certificate of registry in France, $100 00

EXHIBITOR.	POSTOFFICE.	Name of Animal.
Bowles & Hadden	Janesville, Wis.	Monas.
do	do	Eugene.
do	do	Franeem.
do	do	Jolly.
do	do	Tonquen.
J. C. Duncan	Normal, Ill.	Le Fard, 3387.
do	do	Fleuron, 3388.
do	do	Blondeau, 3397.
do	do	Charles, 3390.
do	do	Carlos, 3395.
Degen Bros	Ottawa, Ill.	1.
do	do	2.
do	do	3.
do	do	4.
do	do	5.
John Virgin	Fairbury, Ill.	1.
do	do	2.
do	do	3,
do	do	4.
do	do	5,

Best Stallion, 3 years old or over, Studebaker Bros. Mfg. Co., South Bend, Ind., offer a Studebaker Farm Wagon, complete, value 125 00

Dillon Bros	Normal, Ill.	Leisure B.
do	do	Valmonte.
do	do	Calculator.
do	do	Ismay.
R. Nagle & Sons	Grand Ridge, Ill.	Confident.
do	do	Avata.
do	do	Bramble.
David Grant	Cedar Rapids, Iowa	Sultan.
J. C. Duncan	Normal, Ill.	Le Fard.
do	do	Fleuron.
John Virgin	Fairbury, Ill.	1.
do	do	2.
do	do	3.
Jas. A. Perry	Wilmington, Ill.	Right Sort.
do	do	San Antonio.
do	do	Chicago.
do	do	Honest Tom.
do	do	Mellican Man.
do	do	General.

Best Stallion 2 and under 3 years, Cortland Wagon Co., of Cortland, N. Y., and 370 and 372 Wabash avenue, Chicago, offer for the best Norman Stallion 2 and under 3 years of age, a Cutter, value 65 00

R. Nagle & Sons	Grand Ridge, Ill.
John Virgin	Fairbury, Ill.
do	do

Lot 23—Clydesdale.

Best Stallion 3 years old or over, David Bradley Mfg. Co., Chicago, offer Swing Beam Sulky Plow, valued at 60 00

Galbraith Bros	Janesville, Wis.	Brandon.
do	do	Hector.
Blair Bros. & Curry	Aurora, Ill.	Scottish Lad.
do	do	Bright Laddie.
David Grant	Cedar Rapids, Iowa	Prince of Monreith.
do	do	Prince William.
do	do	Young Dunlap.
W. M. Moffatt & Bro	Paw Paw, Ill.	Nonesuch.
do	do	Truebill.
do	do	Culraven.
do	do	President Arthur.
H. A. Treadwell	Elgin, Ill.	Glencoe, 158.

HORSES—CLASS B—Continued.

Lot 23—Clydesdale—Continued.

Best Stallion 2 and under 3 years old, Walter A. Wood Mowing and Reaping Machine Co., Chicago, offer one Iron-Cased Mower, value..... $75 00

EXHIBITOR.	POSTOFFICE.	Name of Animal.
Galbraith Bros.	Janesville, Wis.	Freemason.
W. M. Moffatt & Bro.	Paw Paw, Ill.	Am. Commander.

Lot 24—English Shire.

Best Stallion 3 years old or over, Schuttler & Hotz, Chicago, offer an entirely new style of self-dumping Farm Cart with 3¼-inch patent steel skeins; wheels, 4 ft. 8 in. high; tire, 1½ in. wide; with a convertible dash that can be used as a seat, and a mechanical dumping arrangement that lifts the tail-board up out of the way in the act of dumping—a totally new and original device, that will please every farmer and stockman, valued at..... 75 00

Galbraith Bros.	Janesville, Wis.	Beau Nash.
do	do	Garfit.
Blair Bros. & Curry	Aurora, Ill.	Blythe Revenue.
Geo. E. Brown & Co.	do	Holland Major.

Best Stallion 2 and under 3 years old, Garfield Mfg. Co., Chicago, offer a handsomely ornamented Bridle, Surcingle and Blanket, value..... 25 00

Galbraith Bros.	Janesville, Wis.	British Flag.
Blair Bros. & Curry	Aurora, Ill.	Blythe Napoleon.

Best Roadster, Mare or Gelding.

Abbott Buggy Co., of Chicago, offer a Perry Road Cart, awarded Gold Medal at World's Fair, New Orleans, value..... 100 00

Dillon Bros.	Normal, Ill.	Frank.
do	do	Charley.
Geo. H. Covert	Chicago, Ill.	Dandy.
J. Irving Pearee, Jr.	do	Bay Prince.
do	do	Don Raven.

Best pair Roadster Mares, Geldings or Stallions, owned at the time of exhibition by a farmer or breeder who bred and raised the team, McCormick Harvesting Manufacturing Company, of Chicago, offer an Iron Mower, value..... 75 00

J. Irving Pearee, Jr.	Chicago, Ill.	Chauncey.
do	do	Don Raven.

Best pair Carriage Horses, Mares or Geldings, J. M. W. Jones, Chicago, offers Letter Press and Stand, value..... 25 00

Dillon Bros.	Normal, Ill.	Charley.
do	do	Frank.
J. Irving Pearee, Jr.	Chicago, Ill.	Chauncey.
do	do	Don Raven.

Best Saddle Horse, The Kent Publishing Co., 70 Monroe st., Chicago, offer a Gold-Mounted Riding Whip, value..... 20 00

Dillon Bros.	Normal, Ill.	Frank.
J. Irving Pearee, Jr.	Chicago, Ill.	Lady Wilmington.
do	do	Bay Prince.

Best Saddle Horse, the P. Hayden Saddlery Hardware Co., 45 and 47 Lake street, Chicago, offer one Gentleman's Riding Saddle, value..... 25 00

Dillon Bros.	Normal, Ill.	Charlie.
J. Irving Pearee, Jr.	Chicago, Ill.	Lady Wilmington.
do	do	Bay Prince.

Best Shetland Pony, The Meriden Britannia Co., A. L. Sercomb, Manager, Chicago, offer Silver Cup, value..... 25 00

Galbraith Bros.	Janesville, Wis.	Tom Thumb.
do	do	Tommy Dodd.

Best Saddle Pony, L. Adams & Co., Clothiers, cor. Clark and Adams sts., Chicago, offer solid Silver Cup, value..... 15 00

Galbraith Bros. Janesville, Wis. Diana.

Miscellaneous.

Geo. H. Covert	Chicago, Ill.	Roadster Stallion	Mambrino Prince.
Geo. E. Brown & Co.	Aurora, Ill.	English Shire	Inglethorpe.
do	do	do	Duke of Norfolk.
do	do	do	Crusader.
do	do	Cleveland Bay	Chevalier.
do	do	do	Lothair.

GLASS G—SHEEP,

D. W. VITTUM, JR., SUPERINTENDENT.

Lot 25—Southdowns.

Wether 2 Years or Over.

Date of Birth.	EXHIBITOR.	Age in days. Nov. 10, 1885.	Name of Animal.
Apr. 1, 1883	J. H. Potts & Son, Jacksonville, Ill	955	Barney
Apr. 1, 1883	do do	955	Pet
Apr. 1, 1883	do do	955	Charlie
Apr. 1, 1883	do do	955	Fred
Apr. 1, 1883	do do	955	Pat

Wether 1 and under 2 Years.

Mch. 27, 1884	Mrs. Ann Newton, Pontiac, Mich	593	Dandy
Mch. 9, 1884	W. D. & L. C. Anderson, Anderson, Ohio	611	Victor
Feb. 14, 1884	J. H. Potts & Son, Jacksonville, Ill	634	Bob
Feb. 8, 1884	do do	640	No. 56
	E. & A. Stanford, Steyning, Eng		Abraham
	do do		Albert
	do do		Arthur

Wether under 1 Year Old.

Feb. 17, 1885	E. A. Stanford, Steyning, Eng	266	Big Ben
	do do		Billy
	do do		Bertie

Lot 26—Shropshire.

Wether—Age 2 Years or Over.

Mch. 10, 1882	Mrs. Ann Newton, Pontiac, Mich	132	Dick
Mch. 3, 1883	do do	983	Sampson
Dec. 20, 1883	B. Waddel, Marion, Ohio	691	Joe
Mch. 28, 1883	Frank Willson, Jackson, Mich	958	John L
Mch. 23, 1883	do do	963	Walter G

Wether 1 and under 2 Years.

Apr. 3, 1884	Mrs. Ann Newton, Pontiac, Mich	587	Pug

Wether under 1 Year.

Apr. 2, 1885	Mrs. Ann Newton, Pontiac, Mich	222	George

Lot 27—Hampshire.

Wether over 2 Years Old.

Mch. 7, 1882	Mrs. Ann Newton, Pontiac, Mich	1344	Frank
Mch. 1, 1883	do do	985	Farmer
Mch. 18, 1882	Frank Willson, Jackson, Mich	1333	Robert K

Wether 1 and under 2 Years Old.

Mch. 24, 1884	Mrs. Ann Newton, Pontiac, Mich	596	Hero
Mch. 21, 1884	do do	599	Duke

Wether under 1 Year Old.

Apr. 1, 1885	Mrs. Ann Newton, Pontiac, Mich	223	Hampton
Apr. 13, 1885	do do	211	Ruby
Apr. 19, 1885	do do	205	Bedford
Mch. 4, 1885	Frank Willson, Jackson, Mich	251	Keene
Apr. 13, 1885	do do	211	Frank

Lot 28—Oxford.

Wether over 2 Years Old.

Mch. 3, 1883	Mrs. Ann Newton, Pontiac, Mich	983	Brassy
Apr. 20, 1883	Stone & Loake, Stonington, Ill	935	Perfection
Apr. 28, 1883	do do	927	Economy

SHEEP—CLASS C—Continued.

Lot 28—Oxford—Continued.

Wether under 1 Year Old.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.
July 8, 1885	Mrs. Ann Newton, Pontiac, Mich	125	Druce
Apr. 26, 1885	Stone & Loake, Stonington, Ill	198	Champion
Apr. 30, 1885	do do	194	Tuck
Apr. 12, 1885	Frank Willson, Jackson, Mich	212	Perry

Lot 29—Cotswold.

Wether over 2 Years Old.

Mch. 12, 1882	Frank Srout, McLean, Ill	1339	Mat
Meh. 10, 1883	Mrs. Ann Newton, Pontiac, Mich	976	Prince
Apr. 10, 1883	B. Waddel, Marion, Ohio	945	Jumbo
June 1, 1883	do do	893	Peter
Meh. 16, 1883	Frank Willson, Jackson, Mich	970	Wonder

Wether 1 and under 2 Years.

Apr. 1, 1884	Frank Srout, McLean, Ill	589	Curley
Mar. 9, 1884	Mrs. Ann Newton, Pontiac, Mich	611	Turpin
Mar. 5, 1884	do do	615	Bunny
Apr. 6, 1884	Stone & Loake, Stonington, Ill	583	Baker
Apr. 15, 1884	do do	574	Jack

Wether under 1 Year Old.

Apr. 2, 1885	Mrs. Ann Newton, Pontiac, Mich	222	Harry
Apr. 4, 1885	Frank Willson, Jackson, Mich	220	Joe
Apr. 9, 1885	do do	215	Dick

Lot 30—Leicesters.

Wether 2 Years or Over.

Apr. 1, 1882	Frank Srout, McLean, Ill	1351	Joe
Mar. 25, 1883	Mrs. Ann Newton, Pontiac, Mich	961	Will
Apr. 12, 1883	B. Waddel, Marion, Ohio	945	John
May 10, 1883	do do	715	Noble

Wether 1 and under 2 Years.

.....	Frank Srout, McLean, Ill	.....	Jim
Apr. 3, 1884	Mrs. Ann Newton, Pontiac, Mich	586	Lue

Wether under 1 Year Old.

Apr. 2, 1885	Mrs. Ann Newton, Pontiac, Mich	221	Jake

Lot 31—Lincoln.

Wether over 2 Years Old.

Mar. 29, 1883	Mrs. Ann Newton, Pontiac, Mich	957	Duke

Wether 1 and under 2 Years.

Mar. 27, 1884	Mrs. Ann Newton, Pontiac, Mich	593	Jack
Apr. 26, 1884	do do	563	Victor

Wether under 1 Year.

Apr. 2, 1885	Mrs. Ann Newton, Pontiac, Mich	222	Pride

SHEEP—CLASS C—Continued.

Lot 32—Grades and Crosses.

Age 2 Years and Over.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal	Breed.
April, 1882	Frank Srout, McLean	.....	Harvey	
Apr. 3, 1883	Mrs. Ann Newton, Pontiac, Mich	952	Jerry	½ Hampshire. ½ Cotswold.
Apr. 1, 1883	do do	954	Blaine	½ Hampshire. ½ Cotswold.
Apr. 15, 1883	B. Waddel, Marion, Ohio	940	Henry	½ Cotswold. ½ Shropshire.
Apr. 10, 1883	do do	945	Martin	½ Cotswold. ½ Shropshire.
Apr. 25, 1883	Stone & Loake, Stonington, Ill	930	Hudson	½ Shropshire. ¼ Cotswold. ¼ Native.
Apr. 29, 1883	do do	926	Gregory	½ Southdown. ½ Native.
Apr. 20, 1883	do do	935	Hall	½ Southdown. ½ Native.
Apr. 3, 1883	Frank Willson, Jackson, Mich	952	Dandy	½ Cotswold. ½ Southdown.

Age 1 and under 2 Years.

Apr. 5, 1884	Mrs. Ann Newton, Pontiac, Mich	584	Tom	½ Shropshire. ½ Cotswold.
Dec. 25, 1883	B. Waddel, Marion, Ohio	686	Ben	½ Shropshire. ½ Southdown.
Dec. 25, 1883	do do	686	Willey	½ Shropshire. ½ Southdown.
Feb. 12, 1884	J. H. Potts & Son, Jacksonville, Ill	636	Bert	
Apr. 22, 1884	Stone & Loake, Stonington, Ill	567	Curley	½ Oxford. ¼ Cotswold. ¼ Native.

Wether under 1 Year.

Apr. 10, 1885	Mrs. Ann Newton, Pontiac, Mich	.....	Ned	½ Shropshire. ½ Leicester.
Aug. 2, 1885	B. Waddel, Marion, Ohio	100	Longtail	½ Leicester. ½ Cotswold.
Apr. 27, 1885	Stone & Loake, Stonington, Ill	197	Smut	½ Oxford. ¼ Cotswold. ¼ Native.
Apr. 15, 1885	Frank Willson, Jackson, Mich	209	Mack	½ Cotswold. ½ Southdown.
Apr. 15, 1885	do do	209	Hank	½ Cotswold. ½ Southdown.

Lot 33—Pure-Bred Middle Wools by Ages.

Wether over 2 Years Old.

Mch. 3, 1883	Mrs. Ann Newton, Pontiac, Mich	983	Brassy	Oxford.
May 10, 1883	B. Waddel, Marion, Ohio	915	George	Shropshire.
Dec. 20, 1883	do do	691	Joe	do
Dec. 20, 1883	do do	691	Lee	do
Mch. 9, 1884	W. D. & L. C. Anderson, Anderson, Ohio	611	Victor	Southdown.
Apr. 20, 1883	Stone & Loake, Stonington, Ill	935	Perfection	Oxford.
Apr. 25, 1883	do do	930	Hudson	½ Shropshire. ¼ Cotswold. ¼ Native.
Apr. 28, 1883	do do	927	Economy	Oxford.
Mch. 28, 1885	Frank Willson, Jackson, Mich	958	John L	Shropshire.
Apr. 3, 1883	do do	952	Dandy	½ Cotswold. ½ Southdown.

Wether 1 and under 2 Years.

Mch. 24, 1884	Mrs. Ann Newton, Pontiac, Mich	596	Hero	Hampshire.
.....	E. & A. Stanford, Steyning, Eng	.....	Abraham	Southdown.
.....	do do	.....	Albert	do
.....	do do	.....	Arthur	do
Apr. 22, 1884	Stone & Loake, Stonington, Ill	567	Curley	½ Oxford. ¼ Cotswold. ¼ Native.

SHEEP—CLASS C—Continued.

Lot 33—Pure-Bred Middle Wools by Ages—Continued.

Wether under 1 Year Old.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Apr. 1, 1885	Mrs. Ann Newton, Pontiac, Mich	223	Hampton	Hampshire.
Feb. 17, 1885	E. & A. Stanford, Steyning, Eng	266	Big Ben	Southdown.
.....	do do	.....	Billy	do
.....	do do	.....	Bertie	do
Apr. 26, 1885	Stone & Loake, Stonington, Ill	198	Champion	Oxford.
Mch. 4, 1885	Frank Willson, Jackson, Mich	251	Keene	Hampshire.
Apr. 9, 1885	do do	215	Dick	½ Cotswold. ½ Southdown.
Apr. 15, 1885	do do	209	Mack	½ Cotswold. ½ Southdown.

Lot 34—Pure-Bred Long Wools, by Ages.

Wether 2 Years or over.

Apr. 12, 1882	Frank Srout, McLean, Ill	1329	Mat	Cotswold.
Mch. 25, 1883	Mrs. Ann Newton, Pontiac, Mich	961	Will	Leicester.
Apr. 10, 1883	B. Waddel, Marion, Ohio	945	Jumbo	Cotswold.
June 1, 1883	do do	893	Peter	do
Apr. 12, 1883	do do	943	John	Leicester.
May 10, 1883	do do	915	Noble	do

Wether 1 and under 2 Years.

Apr. 1, 1884	Frank Srout, McLean, Ill	589	Curley	Cotswold.
Mch. 9, 1884	Mrs. Ann Newton, Pontiac, Mich	611	Turpin	do
Apr. 6, 1884	Stone & Loake, Stonington, Ill	583	Baker	do
Apr. 15, 1884	do do	574	Jack	do

Wether under 1 Year Old.

Apr. 3, 1885	Mrs. Ann Newton, Pontiac, Mich	221	Jake	Leicester.

Lot 37—Heaviest Fat Sheep—Open to All.

Apr. 12, 1882	Frank Srout, McLean, Ill	1339	Mat	Cotswold.
Mch. 3, 1883	Mrs. Ann Newton, Pontiac, Mich	983	Brassy	Oxford.
Apr. 10, 1883	B. Waddel, Marion, Ohio	945	Jumbo	Cotswold.
.....	E. & A. Stanford, Steyning, England	.....	.....	Southdown.
Apr. 1, 1883	J. H. Potts & Son, Jacksonville, Ill	.....	Barney	do

Lot 38—Pen of Wethers.

5 Fat Wethers 2 and under 3 Years.

Apr. 12, 1882	Frank Srout, McLean, Ill	1339	Mat	Cotswold.
Apr. 1, 1882	do do	.....	Harvey	
Apr. 1, 1884	do do	589	Curley	Cotswold.
Apr. 1, 1882	do do	1351	Joe	Leicester.
Mch. 3, 1883	Mrs. Ann Newton, Pontiac, Mich	983	Brassy	Oxford.
Mch. 3, 1883	do do	983	Sampson	Shropshire.
Apr. 3, 1883	do do	952	Jerry	½ Hampshire. ½ Cotswold.
Apr. 1, 1883	do do	954	Blaine	½ Hampshire. ½ Cotswold.
Mch. 7, 1882	do do	1344	Frank	Hampshire
Apr. 10, 1883	B. Waddel, Marion, Ohio	945	Martin	½ Cotswold. ½ Shropshire.
Apr. 15, 1883	do do	940	Henry	½ Cotswold. ½ Shropshire.
May 10, 1883	do do	915	Noble	Leicester.
Apr. 12, 1883	do do	943	John	do
June 1, 1883	do do	893	Peter	Cotswold
.....	Stone & Loake, Stonington, Ill	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
Mch. 28, 1883	Frank Willson, Jaekson, Mich	958	John L	Shropshire.
Mch. 23, 1883	do do	963	Walter G	do
Mch. 14, 1883	do do	972	Tom	Oxford.
Mch. 18, 1882	do do	1333	Robt. K	Hampshire.
Apr. 3, 1883	do do	952	Dandy	½ Cotswold. ½ Southdown.

SHEEP—CLASS C—Continued.

Lot 38—Pen of Wethers—Continued.

Under 2 Years Old.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
Mar. 9, 1884	Mrs. Ann Newton, Pontiac, Mich	611	Turpin	Cotswold.
Mar. 5, 1884	do do	615	Barny	do
Apr. 2, 1884	do do	586	Lue	Leicester.
Apr. 3, 1885	do do	223	Jake	do
Apr. 26, 1884	do do	663	Victor	Lincoln.
Dec. 28, 1883	B. Waddel, Marion, Ohio	683	Faut	½ Shropshire. ½ Southdown.
Dec. 25, 1883	do do	686	Willey	½ Shropshire. ½ Southdown.
Dec. 25, 1883	do do	686	Ben	½ Shropshire. ½ Southdown.
Dec. 20, 1883	do do	691	Lee	Shropshire.
Dec. 20, 1883	do do	691	Joe	do
.....	E. & A. Stanford, Steyning, Eng	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
.....	Stone & Loake, Stonington, Ill	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
.....	do do	.....	.....	
Mch. 4, 1885	Frank Willson, Jackson, Mich	251	Keene	Hampshire.
Apr. 13, 1885	do do	211	Frank	do
Apr. 12, 1885	do do	212	Perry	Oxford.
Apr. 15, 1885	do do	209	Mack	½ Cotswold. ½ Southdown.
Apr. 15, 1885	do do	209	Hawk	½ Cotswold. ½ Southdown.

Lot 39—Dressed Carcass.

Not less than two entries will be considered in each ring.

Carcass of Wether over 2 Years.

Apr. 28, 1883	Stone & Loake, Stonington, Ill	927	Economy	Oxford.
Apr. 22, 1883	do do	935	Perfection	do

Carcass of Wether 1 and under 2 Years.

Mch. 9, 1884	W. D. & L. C. Anderson, Anderson, Ohio	611	Victor	Southdown.
.....	E. & A. Stanford, Steyning, England	.....	.....	do
Apr. 6, 1884	Stone & Loake, Stonington, Ill	583	Baker	Cotswold.

Carcass of Wether under 1 Year.

.....	E. & A. Stanford, Steyning, England	.....	.....	Southdown.

Lot 41—Gain per Day.

Wether showing greatest average gain per day, including weight at birth. Entries to be accompanied by affidavit, giving exact age.

July 8, 1885	Mrs. Ann Newton, Pontiac, Mich	125	Druce	Oxford.
Aug. 2, 1885	B. Waddel, Marion, Ohio	100	Longtail	½ Leicester. ½ Cotswold.
Apr. 29, 1883	Stone & Loake, Stonington, Ill	927	Economy	Oxford.
Apr. 22, 1883	do do	935	Perfection	do
Apr. 26, 1885	do do	198	Champion	do
Apr. 30, 1885	do do	194	Turk	do
Apr. 6, 1884	do do	583	Baker	Cotswold.
Apr. 15, 1884	do do	574	Jack	do
Apr. 25, 1883	do do	930	Hudson	½ Shropshire. ¼ Cotswold. ¼ Native.
Apr. 29, 1883	do do	926	Gregory	½ Southdown. ½ Native.
Apr. 20, 1883	do do	935	Hall	½ Southdown. ½ Native.
Apr. 22, 1884	do do	567	Curley	½ Oxford. ¼ Cotswold. ¼ Native.
Apr. 27, 1885	do do	197	Smut	½ Oxford. ¼ Cotswold. ¼ Native.

Lot 42—Cost of Production.

Apr. 10, 1883	B. Waddel, Marion, Ohio	945	Jumbo	Cotswold.
Apr. 28, 1883	Stone & Loake, Stonington, Ill	927	Economy	Oxford.

GLASS D—SWINE.

E. B. DAVID, SUPERINTENDENT.

Lot 43—Berkshire.

Barrow 12 and under 18 Months.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.
May 10, 1884	Frank Srout, MeLean, Ill..	530	Bill

Barrow under 1 Year.

Dec. 1, 1884	Frank Srout, MeLean, Ill	345	Scott
Dec. 1, 1884	do do	345	Jim

Lot 44—Poland-China.

Barrow 12 and under 18 Months.

May 17, 1884	Frank Srout, MeLean, Ill	542	Harry
May 17, 1884	do do	542	Jock
Aug. 27, 1884	J. A. Countryman, Roehelle, Ill	440	X L 1st
Sept. 11, 1884	do do	425	X L 2d
Sept. 11, 1884	do do	425	X L 3d
Sept. 11, 1884	do do	425	X L 4th
Sept. 16, 1884	do do	420	X L 5th
Sept. 16, 1884	do do	420	X L 6th
Sept. 19, 1884	do do	417	X L 7th
Sept. 19, 1884	do do	417	X L 8th
Sept. 20, 1884	do do	416	X L 9th
Sept. 20, 1884	do do	416	X L 10th
Sept. 17, 1884	do do	419	Major
Sept. 21, 1884	do do	415	Diek

Barrow under 1 Year.

May 28, 1885	Stone & Loake, Stonington, Ill	214	Clements
May 28, 1885	do do	217	Leister
Nov. 24, 1884	J. A. Countryman, Roehelle, Ill	351	Lookout
Feb. 8, 1885	do do	275	Prinee
April 17, 1885	do do	207	Paeker
April 20, 1885	do do	204	Pearl
April 20, 1885	do do	204	Polo
April 24, 1885	do do	200	X L 11th

Lot 45—Chester White.

Barrow 12 and under 18 Months.

May 28, 1884	S. H. Todd, Wakeman, Ohio	531	Bob
May 28, 1884	do do	531	Diek
May 22, 1884	do do	537	Boss
May 22, 1884	do do	537	George
Aug. 31, 1884	do do	436	Cherry

Barrow under 12 Months.

Nov. 22, 1884	Frank Srout, MeLean, Ill	352	Tom
Nov. 22, 1884	do do	352	Jake
Mar. 8, 1885	S. H. Todd, Wakeman, Ohio	247	Hefty
Mar. 8, 1885	do do	247	Sam

Lot 46—Essex.

Barrow 12 and under 18 Months.

July 1, 1884	E. T. Doney, Jaekson, Mieh	497	Winner
Sept. 8, 1884	Frank Willson, Jackson, Mieh	428	Tom
Sept. 8, 1884	do do	428	Jerry

SWINE—CLASS D—Continued.

Lot 47—Duroc Jersey Red.

Barrow 12 and under 18 Months.

Date of Birth.	EXHIBITOR.	Age in days Nov 10, 1885.	Name of Animal.	Breed.
May 15, 1884	B. T. Railsback, Hopedale, Ill	544	King Jersey	
May 3, 1884	Thos. Bennett, Rossville, Ill	556	Cleveland	
May 3, 1884	do do	556	Blaine	
May 13, 1884	do do	546	Mugwump	

Barrow under 12 Months.

Nov. 26, 1884	B. T. Railsback, Hopedale, Ill	349	Tom B	
Nov. 26, 1884	do do	349	Progress D	
Nov. 26, 1884	do do	349	Prince D	

Lot 48—Yorkshire and Suffolk.

Barrow 12 and under 18 Months.

Oct. 2, 1884	Frank Willson, Jackson, Mich	299	Snow Ball	
Oct. 2, 1884	do do	299	Snow Flake	

Barrow under 1 Year.

Mar. 28, 1885	L. C. Henley, Mattoon, Ill	227	Sam	
May 25, 1885	do do	169	Dan	
Mar. 28, 1885	do do	227	Ed	
Feb. 10, 1885	do do	273	Clash	
May 3, 1885	Frank Willson, Jackson, Mich	191	Ned	
May 3, 1885	do do	191	Doctor	

Lot 49—Victoria.

Barrow 12 and under 18 Months.

July 31, 1884	Stone & Loake, Stonington, Ill	467	Dick	

Barrow under 1 Year.

June 1, 1885	Stone & Loake, Stonington, Ill	162	Snow Ball 1st	
June 1, 1885	do do	162	Snow Ball 2d	
June 1, 1885	do do	162	Snow Ball 3d	
April 20, 1885	do do	204	Prince 2d	

Lot 50—Grades and Crosses.

Barrow 12 and under 18 Months.

May 26, 1884	Frank Srout, McLean, Ill	533	Ed	⅞ Poland-China. ⅛ Native.
May 20, 1884	do do	539	Dave	do
May 20, 1884	do do	539	Bully	do
Oct. 25, 1884	L. C. Henley, Mattoon, Ill	381	Jim	½ S. Yorkshire. ½ Poland-China.
Oct. 25, 1884	do do	381	Gillespie	do
Oct. 25, 1884	do do	381	Blaine	do
Sept. 10, 1884	S. H. Todd, Wakeman, O	426	Ginger	½ Poland-China. ½ Chester White.
June 26, 1884	B. T. Railsback, Hopedale, Ill	.....	Henry B	
June 26, 1884	do do	.....	Joe B	
June 26, 1884	do do	.....	Dave B	
Jan. 4, 1885	do do	310	Beaver	
.....	Frank Willson, Jackson, Mich	.....	Henry	

SWINE—CLASS D—Continued.

Lot 50—Grades and Crosses—Continued.

Barrow under 1 Year.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
April 15, 1885	J. A. Countryman, Rochelle, Ill	209	Jim	¾ Poland-China. ¼ Native.
June 10, 1884	S. H. Todd, Wakeman, O	153	Jim	⅞ Chester White. ⅛ Native.
June 10, 1885	do do	153	Tom	do
April 8, 1885	do do	.....	Martin	½ Chester White. ½ Poland-China.
June 1, 1885	B. F. Waters, Roehester, Ill	162	Jumbo	¾ Poland-China. ⅛ Berkshire. ⅛ Native.
June 1, 1885	do do	162	Peter	do
June 1, 1885	do do	162	Tom	do
June 1, 1885	do do	162	Jim	do
June 1, 1885	do do	162	Jack	do
June 1, 1885	do do	162	Billy	
.....	Frank Willson, Jaekson, Mich	.....	Robt. C.	
.....	J. A. Countryman, Roehelle, Ill	.....	Jack	

Lot 51—All Breeds and Grades by Ages.

Barrow 12 and under 18 Months.

May 20, 1884	Frank Srout, McLean, Ill	539	Dave	⅞ Poland-China. ⅛ Native.
May 17, 1884	do do	542	Harry	Poland-China.
Oct. 25, 1884	L. C. Henley, Mattoon, Ill	381	Jim	½ S. Yorkshire. ½ Poland-China.
July 31, 1884	Stone & Loake, Stonington. Ill	467	Dick	Vietoria.
May 15, 1884	B. T. Railsbaek, Hopedale, Ill	544	King Jersey	Duroc.
June, 1884	do do		Henry B.	

Barrow under 1 Year.

Nov. 22, 1884	Frank Srout, MeLean, Ill	352	Tom	Chester White.
Mar. 28, 1885	L. C. Henley, Mattoon, Ill	227	Sam	
May 25, 1885	do do	168	Dan	
June 1, 1885	Stone & Loake, Stonington. Ill	162	Snow Ball 1st	Victoria.
June 1, 1885	do do	162	Snow Ball 2d	do
June 1, 1885	do do	162	Snow Ball 3d	do
May 28, 1885	do do	166	Clements	Poland-China.
May 28, 1885	do do	166	Leister	do
May 26, 1884	B. T. Railsbaek, Hopedale, Ill	349	Tom D.	Duroc.
Nov. 26, 1884	do do	349	Progress D.	do
June 1, 1885	B. F. Waters, Roehester, Ill	162	Jumbo	6-8 Poland-China. ⅛ Berkshire. ⅛ Native.
June 1, 1885	do do	162	Peter	do
June 1, 1885	do do	163	Tom	do
June 1, 1885	do do	162	Jim	do
June 1, 1885	do do	162	Jaek	do
June 1, 1885	do do	162	Billy	do

Lot 54—Heaviest Fat Hog.

Heaviest Barrow any Age.

May 10, 1882	Frank Srout, MeLean, Ill	1188	Charley	½ Poland-China. ½ S. Yorkshire.
May 28, 1884	S. H. Todd, Wakeman, Ohio	531	Rob	Chester White.
.....	Thos. Bennett, Rossville, Ill	.....	.....	
May 15, 1884	B. T. Railsback, Hopedale, Ill	544	King Jersey	

SWINE—CLASS D—Continued.

Lot 55—Pen of Barrows.

12 and under 18 Months.

Date of Birth.	EXHIBITOR.	Age in days Nov. 10, 1885.	Name of Animal.	Breed.
May 17, 1884	Frank Sront, McLean, Ill.	542	Harry	Poland-China.
May 20, 1884	do do	539	Dave	7/8 Poland-China. 1/8 Native.
May 26, 1884	do do	533	Ed	do
May 20, 1884	do do	542	Jock	Poland-China.
May 20, 1884	do do	539	Bully	7/8 Poland-China. 1/8 Native.
Oct. 25, 1885	L. C. Henley, Mattoon, Ill.	381	Jim	1/2 S. Yorkshire. 1/2 Poland-China.
Oct. 25, 1885	do do	381	Gillespie	do
Oct. 25, 1885	do do	381	Blaine	do
Oct. 25, 1885	do do	381	John A	do
Oct. 27, 1885	do do	379	Logan	do
June 1, 1885	Stone & Loake, Stonington, Ill.	162	Snowball 1st	
June 1, 1885	do do	162	Snowball 2d	
June 1, 1885	do do	162	Snowball 3d	
April 20, 1885	do do	204	Snowball 4th	
May 28, 1885	do do	166	Snowball 5th	
	S. H. Todd, Wakeman, Ohio.			
	do do			
	do do			
	do do			
	do do			
	B. T. Railsback, Hopedale, Ill.			
	do do			
	do do			
	do do			
	do do			
Aug. 27, 1884	J. A. Countryman, Rochelle, Ill.	440	X L 1st	Poland-China.
Sept. 11, 1884	do do	425	X L 2d	do
Sept. 11, 1884	do do	425	X L 3d	do
Sept. 11, 1884	do do	425	X L 4th	do
Sept. 16, 1884	do do	420	X L 5th	do
Sept. 16, 1884	do do	420	X L 6th	do
Sept. 19, 1884	do do	417	X L 7th	do
Sept. 19, 1884	do do	417	X L 8th	do
Sept. 20, 1884	do do	416	X L 9th	do
Sept. 20, 1884	do do	416	X L 10th	do

Age under 1 Year.

Nov. 28, 1885	L. C. Henley, Mattoon, Ill.	227	Sam	
May 25, 1885	do do	168	Dan	
	do do		Ed	
	do do		Clark	
	do do		Joe	
	S. H. Todd, Wakeman, Ohio.			
	do do			
	do do			
	do do			
	do do			
	B. T. Railsback, Hopedale, Ill.			
	do do			
	do do			
	do do			
	do do			
April 17, 1885	J. A. Countryman, Rochelle, Ill.	207	Packer	Poland-China.
April 20, 1885	do do	204	Polo	do
April 20, 1885	do do	204	Pearl	do
Feb. 8, 1885	do do	275	Prince	do
April 15, 1885	do do	209	Jim	3/4 Poland-China. 1/4 Native.
June 1, 1885	B. F. Waters, Rochester, Ill.	162	Jumbo	3/4 Poland-China. 1/8 Berkshire. 1/8 Native.
June 1, 1885	do do	162	Peter	do
June 1, 1885	do do	162	Tom	do
June 1, 1885	do do	162	Jim	do
June 1, 1885	do do	162	Jack	do

SWINE—CLASS D—Continued.

Lot 56—Dressed Carcass.

Not less than Two Entries will be considered in each Ring.

Carcass of Barrow 12 and under 18 Months.

Date of Birth.	EXHIBITOR.	Age in days, Nov. 10, 1885.	Name of Animal.	Breed.
May 17, 1884	Frank Srout, McLean, Ill	542	Harry	Poland-China
Oct. 25, 1885	L. C. Henley, Mattoon, Ill	345	Jim	½ Chester White. ½ Poland-China.
.....	Stone & Loake, Stonington, Ill	.....		
.....	S. H. Todd, Wakeman, Ohio	.....		
.....	do do	.....		
July 1, 1884	E. T. Doney, Jackson, Mich	497	Winner	Essex.
.....	B. T. Railsback, Hopedale, Ill	.....		
Sept. 21, 1884	J. A. Countryman, Rochelle, Ill	419	Dick	Poland-China.
Sept. 17, 1884	do do	415	Major	do
.....	Thos. Bennett, Rossville, Ill	.....		
.....	B. T. Railsback, Hopedale, Ill	.....		

Barrow under 1 Year.

Mar. 28, 1885	L. C. Henley, Mattoon, Ill	227	Sam	
.....	Stone & Loake, Stonington, Ill	.....		
.....	S. H. Todd, Wakeman, Ohio	.....		
.....	do do	.....		
.....	B. T. Railsback, Hopedale, Ill	.....		
April 17, 1885	J. A. Countryman, Rochelle, Ill	207	Packer	Poland-China.
June 1, 1885	B. F. Waters, Rochester, Ill	162	Billy	6-8 Poland-China. ⅛ Berkshire. ⅛ Native.

Lot 57—Gain per Day.

Barrow showing largest average gain per day, including weight at birth. Entries to be accompanied by affidavit giving exact age.

.....	L. C. Henley, Mattoon, Ill	.....	Dan	
.....	do do	.....	Sam	
.....	do do	.....	Jim	
June 1, 1885	Stone & Loake, Stonington, Ill	162	Snow Ball 1st	Victoria.
June 1, 1885	do do	162	Snow Ball 2d	do
June 1, 1885	do do	162	Snow Ball 3d	do
May 28, 1885	do do	166	Leister	Poland-China.
May 28, 1885	do do	166	Clements	do
.....	do do	.....	Prince 2d	
.....	S. H. Todd, Wakeman, Ohio	.....		
.....	do do	.....		
.....	B. T. Railsback, Hopedale, Ill	.....		
.....	Frank Willson, Jackson, Mich	.....		
June 1, 1885	B. F. Waters, Rochester, Ill	162	Jumbo	6-8 Poland China ⅛ Berkshire. ⅛ Native.

CLASS N.---Dairy.

E. E. CHESTER, Superintendent.

Lot 59 — Butter.

CREAMERY BUTTER MADE IN MAY OR JUNE.

EXHIBITOR.	POSTOFFICE.
Jefferson Colvin	Kingston, Ill.
R. H. Valentine	Steele City, Neb.
Summerfield Creamery Co	Postville, Iowa
Gurler Bros	De Kalb, Ill.
D. C. Woolverton	Belvidere, Ill.
J. B. Petty	Mt. Carroll, Ill.
Fitzsimmons & Evanson	West McHenry, Ill.

CREAMERY BUTTER MADE AT ANY TIME.

C. F. Tenney	Bement, Ill.
Wm. Beard & Sons	Decorah, Iowa
C. E. Feakins	Kirkland, Ill.
do	do
do	do
Aurora Creamery Co	Aurora, Ill.
J. M. Thomas	Dixon, Wis.
Homer Wattles	West McHenry, Ill.
J. Groylin	Kirkland, Ill.
J. Colvin	Kingston, Ill.
R. H. Valentine	Steele City, Neb.
Milo Munger	Harvard, Ill.
Horton Gillis	Big Foot Prairie, Ill.
G. B. Mareh	Elgin, Ill.
Table Rock Creamery Ass'n	Table Rock, Neb.
Fitzsimmons & Evanson	West McHenry, Ill.
Heynen & Von Oven	Miles, Ill.
John T. Clark	Clinton, Mich.
Gurler Bros	DeKalb, Ill.
McCray & Kessler	Kendallville, Ind.
Doolittle & Barnes	Onarga, Ill.
J. S. Overton & Son	Solon, Ill.
D. C. Woolverton	Belvidere, Ill.
W. A. Boies	Marengo, Ill.
do	do
do	do
do	do
J. W. Brazelton	Prairieburg, Iowa
W. R. Hostetter	Mt. Carroll, Iowa
E. A. Berry	Adeline, Ill.
Fox River Butter Co	Oswego, Ill.
A. J. Negus	Marengo, Ill.
Jas. McCredie	Elgin, Ill.
P. G. Henderson	Central City, Iowa
L. C. Roach	Zwingle, Iowa
Summerfield Creamery Co	Postville, Iowa
E. U. Baker	Edmund, Wis.
James Campbell	Lake Zurich, Ill.
C. W. Sibley & Co	State Centre, Iowa
Ed. Buehanan	Johnsburg, Ill.
Geo. H. White	Ft. Atkinson, Wis.

FIVE PRINTS OR ROLLS OF BUTTER OF ONE POUND EACH.

B. Waddel	Marion, Ohio
D. C. Woolverton	Belvidere, Ill.
Wattson Childs	Manchester, Iowa
Frank D. Holmes	Owatonna, Minn.
D. LeBaron	Ripon, Wis.
R. H. Valentine	Steele City, Neb.
Table Rock Creamery Ass'n	Table Rock, Neb.
A. H. Allen	Belvidere, Ill.
H. R. Kingman	Battle Creek, Mich.
W. H. Gilbert	Richland, N. Y.
Seeds & Ferguson	Philadelphia, Pa.
Mrs. D. W. Smith	Bates, Ill.
Cook & Cheever	Waukegan, Ill.
Jefferson Colvin	Kingston, Ill.
A. P. Foster	Plainview, Minn.
G. B. & C. S. Smith	Eagle, Mich.
Chas. Thorp	Burnett Junction, Wis.
D. M. Adams	Argenta, Ill.
Smiths, Powell & Lamb	Syracuse, N. Y.
W. F. Allen	Belvidere, Ill.
E. L. Furness & Sons	Furnessville, Ind.
J. E. Neeley	Grinnell, Iowa
Mrs. J. F. Montgomery	Kenney, Ill.
L. P. Bailey	Pugh, Ohio.
Mrs. H. Bartlett	Beloit, Wis.

SAMPLE GRANULATED BUTTER.

J. Colvin	Kingston, Ill.
S. Wadhams	Chicago, Ill.
C. E. Feakins	Kirkland, Ill.
Chas. Thorp	Burnett Junction, Wis.
E. A. Berry	Adeline, Ill.
Smiths, Powell & Lamb	Syracuse, N. Y.
T. Bacon	Waneonda, Ill.
W. F. Allen	Belvidere, Ill.
John Boyd	Chicago, Ill,
C. F. Tenney	Bement, Ill.
L. P. Bailey	Pugh, Ohio
E. H. Bierer	Rockford, Ill.
Cook & Cheever	Waukegan, Ill.
D. C. Woolverton	Belvidere, Ill.
Wattson Childs	Manchester, Ia.
E. A. Pride	Janesville, Minn.
D. LeBaron	Ripon, Wis.
R. H. Valentine	Steele City, Neb.
C. L. Harrison	Libertyville, Ill.
Table Rock Creamery Ass'n	Table Rock, Neb.
A. H. Allen	Belvidere, Ill.
E. L. Furness & Sons	Furnessvile, Ind.
C. W. Sibley & Co	State Centre, Iowa
Geo. H. White	Ft. Atkinson, Wis.
Mrs. H. Bartlett	Beloit, Wis.
H. W. Kellogg	Ripon, Wis.
F. D. Holmes	Owatonna, Minn.

Lot 59—Butter—Continued.

BUTTER, FIVE POUNDS, MADE FROM MILK OF ONE COW.

EXHIBITOR.	POSTOFFICE.
S. Wadhams	Chicago, Ill.
A. P. Foster	Plainview, Minn.
T. B. Wales, Jr.	Iowa City, Ia.
E. A. Pride	Janesville, Minn.
D. M. Adams	Argenta, Ill.
T. Bacon	Wauconda, Ill.
S. N. Wright	Elgin, Ill.
A. H. Allen	Belvidere, Ill.
John Boyd	Chicago, Ill.
H. R. Kingman	Battle Creek, Mich.
W. N. McConnell	Dartford, Wis.
Mrs. D. W. Smith	Bates, Ill.
G. B. & C. S. Smith	Eagle, Mich.
D. P. Fountain	Warrenville, Ill.
Chas. Thorp	Burnett Junction, Wis.
M. H. Church	Walworth, Wis.
H. C. Beekman	Brunswick, Ind.
Smiths, Powell & Lamb	Syracuse, N. Y.
W. F. Allen	Belvidere, Ill.
L. P. Bailey	Pugh, Ohio.
Jas. Meyer	Carthage, Ill.
B. Waddel	Marion, Ohio
Mrs. J. F. Montgomery	Kenney, Ill.
E. H. Bierer	Rockford, Ill.

EXHIBIT FANCY PRINT BUTTER—In Shipping Case for Home Market.

L. P. Bailey	Pugh, Ohio
W. F. Allen	Belvidere, Ill.
A. H. Allen	Belvidere, Ill.
Mrs. H. Bartlett	Beloit, Wis.
D. M. Adams	Argenta, Ill
Table Rock Creamery Ass'n	Table Rock, Neb.
Wm. H. Gilbert	Richland, N. Y.

PACKAGE 20 POUNDS DAIRY BUTTER MADE AT ANY TIME.

G. B. & C. S. Smith	Eagle, Mich.
J. Colvin	Kingston, Ill.
A. P. Foster	Plainview, Minn.
Wm. Stewart	Franklin Grove, Ill.
E. A. Pride	Janesville, Minn.
S. E. Gernon	Waukesha, Wis.
D. P. Fountain	Warrensville, Ill.
Chas. Thorp	Burnett Junction, Wis.
D. LeBaron	Ripon, Wis.
W. T. Kirk	Kirkland, Ill.
E. A. Berry	Adeline, Ill.
Mrs. H. Bartlett	Beloit, Wis.
L. P. Bailey	Pugh, Ohio
D. C. Woolverton	Belvidere, Ill.
Wattson Childs	Manchester, Ia.
T. B. Wales, Jr.	Iowa City, Ia.
H. W. Kellogg	Ripon, Wis.
F. D. Holmes	Owatonna, Minn.
M. H. Church	Walworth, Wis.
D. M. Adams	Argenta, Ill.
W. R. Hostetter	Mt. Carroll, Ill.
E. H. Bierer	Rockford, Ill.
Mrs. H. V. D. Hellen	Ft. Atkinson, Wis.
H. C. Beekman	Brunswick, Ind.
T. Bacon	Wauconda, Ill.
W. F. Allen	Belvidere, Ill.
Indianola Creamery Co	Indianola, Iowa
John Boyd	Chicago, Ill.
H. R. Kingman	Battle Creek, Mich.
John Hodgson, Jr	Pewaukee, Wis.
J. E. Neeley	Grinnell, Iowa
Seeds & Ferguson	Philadelphia, Pa.
Smiths, Powell & Lamb	Syracuse, N. Y.
Mrs. P. G. Henderson	Central City, Iowa
A. H. Allen	Belvidere, Ill.
J. B. Petty	Mt. Carroll, Ill.
E. L. Furness & Sons	Furnessville, Ind.
W. N. McConnell	Dartford, Wis.
Byron Colby	Libertyville, Ill.
Wm. H. Gilbert	Richland, N. Y.

BUTTER MADE FROM MILK OF JERSEY COW.

E. H. Bierer	Rockford, Ill.
James Meyer	Carthage, Ill.
A. P. Foster	Plainview, Minn.
Dexter P. Fountain	Warrensville, Ill.
D. M. Adams	Argenta, Ill.
T. Bacon	Wauconda, Ill.
H. R. Kingman	Battle Creek, Mich.
L. P. Bailey	Pugh, Ohio
Seth Wadhams	Chicago, Ill.
G. B. & C. S. Smith	Eagle, Mich.
M. H. Church	Walworth, Wis.
H. C. Beekman	Brunswick, Ind.
John Boyd	Chicago, Ill.
W. N. McConnell	Dartford, Wis.

BUTTER MADE FROM MILK OF HOLSTEIN COW.

Wattson Childs	Manchester, Iowa
Smiths, Powell & Lamb	Syracuse, N. Y.
T. B. Wales, Jr.	Iowa City, Iowa
S. N. Wright	Elgin, Ill.

BUTTER MADE FROM MILK OF SHORTHORN COW.

W. H. Fulkerson	Jerseyville. Ill.
J. H. Potts & Son	Jacksonville, Ill.
Mrs. J. F. Montgomery	Kenney, Ill.
Mrs. D. W. Smith	Bates, Ill.

BUTTER MADE FROM MILK OF HEREFORD COW.

Swan & Bosler	Indianola, Iowa
Swan & Bosler	Indianola, Iowa

Lot 59—Butter—Continued.

PACKAGE BUTTER NOT LESS THAN 50 POUNDS.

EXHIBITOR.	POSTOFFICE.
J. S. Overton & Son	Solon Mills, Ill.
J. W. Segar	Rockford, Ill.
J. Colvin	Kingston, Ill.
T. C. Ryan	Bloomingdale, Ill.
C. F. Tenney	Bement, Ill.
Wattson Childs	Manchester, Iowa
Wm. Stewart	Franklin Grove, Ill.
C. E. Feakins	Kirkland, Ill.
Summerfield Creamery Co	Postville, Iowa
M. Richmond	Palatine, Ill.
E. L. Furness & Sons	Furnessville, Ind.
Fitzsimmons & Evanson	West McHenry, Ill.
James Campbell	Lake Zurich, Ill.
Eyman & McGuire	Eureka, Ill.
Gurler Bros	DeKalb, Ill.
J. E. Neeley	Grinnell, Iowa
Doolittle & Barnes	Onarga, Ill.
Ed. Buehanan	Johnsburg, Ill.
Seeds & Ferguson	Philadelphia, Pa.
P. Moran & Co	Chicago, Ill.
R. H. Valentine	Steele City, Neb.
A. J. Negus	Marengo, Ill.
James McCredie	Elgin, Ill.
Horton Gillis	Big Foot Prairie, Ill.
P. G. Henderson	Central City, Ia.
Table Rock Creamery Ass'n	Table Rock, Neb.
A. H. Allen	Belvidere, Ill.
S. E. Gernon	Waukesha, Wis.
Aurora Creamery Co	Aurora, Ill.
J. M. Thomas	Dixon, Wis.
H. Wattles	West McHenry, Ill.
Chas. Thorp	Burnet Junction, Wis.
D. LeBaron	Ripon, Wis.
W. R. Hostetter	Mt. Carroll, Ill.
L. P. Bailey	Pugh, Ohio
J. Grolin	Kirkland, Ill.
D. C. Woolverton	Belvidere, Ill.
Mrs. J. F. Montgomery	Kenney, Ill.
A. P. Foster	Plainview, Minn.
N. P. Wilson	Sterling, Ill.
Wm. Beard & Sons	Decorah, Iowa
E. A. Pride	Janesville, Minn.
Indianola Creamery Co	Indianola, Iowa
J. B. Petty	Mt. Carroll, Ill.
H. R. Kingman	Battle Creek, Mich.
E. U. Baker	Edmund, Wis.
J. T. Clark	Clinton, Mich.
C. W. Sibley & Co	State Centre, Iowa
Byron Colby	Libertyville, Ill.
R. M. Patrick	Marengo, Ill.
Cook & Cheever	Waukegan, Ill.
McCray & Kessler	Kendallville, Ind.
Geo. H. White	Ft. Atkinson, Wis.
Fox River Butter Co	Oswego, Ill.
H. C. Beekman	Brunswick, Ind.
Smiths, Powell & Lamb	Syracuse, N. Y.
Wm. McCredie	Algonquin, Ill.
A. M. Bingham	Jesup, Iowa
G. B. Mareh	Elgin, Ill.
W. F. Allen	Belvidere, Ill.
H. W. Kellogg	Ripon, Wis.
W. A. Boies	Marengo, Ill.
G. B. & C. S. Smith	Eagle, Mich.
J. W. Brazelton	Prairieburg, Iowa
F. D. Holmes	Owatonna, Minn.
M. H. Church	Walworth, Wis.
D. M. Adams	Argenta, Ill.
E. A. Berry	Adeline, Ill.

SAMPLE MILK FROM ONE RECORDED COW, PRODUCED IN 24 HOURS, FROM WHICH THE GREATEST AMOUNT OF BUTTER IS OBTAINED.

John Boyd, Chicago, Ill.	Smiths, Powell & Lamb, Syracuse, N. Y.

10 POUNDS OF BUTTER MADE IN EXPOSITION BUILDING.

R. Lespinasse, Chicago, Ill.	H. W. Kellogg, Ripon, Wis.
John Boyd, Chicago, Ill.	Cook & Cheever, Waukegan, Ill.

PACKAGE OF BUTTER SCORING 85 OR MORE POINTS.

Table Rock Creamery Ass'n	Table Rock, Neb.
A. H. Allen	Belvidere, Ill.
Indianola Creamery Co	Indianola, Iowa
H. R. Kingman	Battle Creek, Mich.
James Campbell	Lake Zurich, Ind.
Eyman & McGuire	Eureka, Ill.
Gurler Beos.	DeKalb, Ill.
W. H. Gilbert	Richland, N. Y.
R. M. Patriek	Marengo, Ill.
McCray & Kessler	Kendallville, Ind.
Thos. B. Wales, Jr	Iowa City, Iowa
C. E. Feakins	Kirkland, Ill.
H. W. Kellogg	Ripon, Wis.
W. F. Allen	Belvidere, Ill.
Summerfield Creamery Co	Postville, Iowa
J. B. Petty	Mt. Carroll, Ill.
Fitzsimmons & Evanson	West McHenry, Ill.
John T. Clark	Clinton, Mich.
C. W. Sibley & Co	State Centre, Iowa.
Byron Colby	Libertyville, Ill.
Geo. F. Davis & Co	Dyer, Ind.
Ed. Buchanan	Johnsburg, Ill.
Geo. H. White	Ft. Atkinson, Wis.
Wm. Beard & Sons	Decorah, Iowa
E. A. Pride	Janesville, Minn.
S. E. Gernon	Waukesha, Wis.
W. A. Boies	Marengo, Ill.
G. B. & C. S. Smith	Eagle, Mich.
J. W. Brazelton	Prairieburg, Iowa
J. S. Overton & Sons	Solon Mills, Ill.
J. W. Segar	Rockford, Ill.
J. Colvin	Kingston, Ill.
Mrs. J. F. Montgomery	Kenney, Ill.
A. P. Foster	Plainview, Minn.
N. P. Wilson	Sterling, Ill.
Aurora Creamery Co	Aurora, Ill.
J. M. Thomas	Dixon, Wis.
Homer Wattles	West McHenry, Ill.
L. P. Bailey	Pugh, Ohio
J. Grovlin	Kirkland, Ill.
D. C. Woolverton	Belvidere, Ill.
C. E. Tenney	Bement, Ill.
Wattson Childs	Manchester, Iowa
Wm. J. Stewart	Franklin Grove, Ill.

Lot 59—Butter—Continued.

PACKAGE OF BUTTER SCORING 85 OR MORE POINTS—Continued.

EXHIBITOR.	POSTOFFICE.
Doolittle & Barnes	Onarga, Ill.
G. B. March	Elgin, Ill.
P. G. Henderson	Central City, Iowa
A. M. Bingham	Jesup, Iowa
Wm. McCredie	Algonquin, Ill.
Horton Gillis	Big Foot Prairie, Ill.
T. Bacon	Wauconda, Ill.
Jas. McCredie	Elgin, Ill.
C. L. Harrison	Libertyville, Ill.
Smiths, Powell & Lamb	Syracuse, N. Y.
A. J. Negus	Marengo, Ill.
A. J. Negus	Marengo, Ill.
Cook & Cheever	Waukegan, Ill.
H. C. Beckman	Brunswick, Ind.
R. H. Valentine	Steele City, Neb.
Fox River Butter Co	Oswego, Ill.
E. A. Berry	Adeline, Ill.
R. H. Hostetter	Mt. Carroll, Ill.
D. M. Adams	Argenta, Ill.
do	do
M. H. Church	Walworth, Wis.
Frank D. Holmes	Owatonna, Minn.

DISPLAY OF BUTTER BY ONE MANUFACTURER.

A. H. Allen	Belvidere, Ill.
D. M. Adams	Argenta, Ill.
D. C. Woolverton	Belvidere, Ill.
W. F. Allen	Belvidere, Ill.
Wm. Beard & Sons	Decorah, Iowa.
J. Colvin	Kingston, Ill.

Glass N. Lot 60.

Special Prizes offered by Citizens of Chicago.

Package of Butter not Less than Fifty Pounds, made in State named.

FIFTY POUNDS BUTTER MADE IN ILLINOIS.

EXHIBITOR.	POSTOFFICE.
Doolittle & Barnes	Onarga
P. Moran & Co.	Chicago
A. J. Negus	Marengo
"	"
Wm. McCredie	Algonquin
Gurler Bros	DeKalb
Eyman & McGuire	Enreka
Ed Buchanan	Johnsburg
Aurora Creamery Co	Aurora
D. M. Adams	Argenta
"	"
Horton Gillis	Big Foot Prairie
A. H. Allen	Belvidere
J. B. Petty	Mt. Carroll
D. C. Woolverton	Belvidere
T. C. Ryan	Bloomingdale
Mrs. J. F. Montgomery	Kenney
N. P. Wilson	Sterling
G. B. Mareh	Elgin
J. W. Segar	Roekford
Cook & Cheever	Waukegan
Fox River Butter Co.	Oswego
James McCredie	Elgin
"	"
James Campbell	Lake Zurich
Byron Colby	Libertyville
R. M. Patriek	Marengo
W. A. Boies	"
Homer Wattles	W. McHenry
W. R. Hostetter	Mt. Carroll
E. A. Berry	Adeline
W. F. Allen	Belvidere
M. Riehmond	Palatine
Fitzsimmons & Evanson	W. McHenry
J. Colvin	Kingston
J. S. Overton & Son	Solon
C. F. Tenney	Bement
Wm. Stewart	Franklin Grove
C. E. Feakins	Kirkland
J. Grovlin	"
C. L. Harrison	Libertyville

FIFTY POUNDS OF BUTTER MADE IN INDIANA.

H. C. Beekman	Brunswick
McCray & Kessler	Kendallville
Geo. F. Davis & Co.	Dyer
E. L. Furness & Sons	Furnessville

FIFTY POUNDS BUTTER MADE IN IOWA.

Wattson Childs	Manchester
Indianola Creamery Co	Indianola
L. C. Roach	Zwingle
A. M. Bingham	Jesup
Thos. B. Wales, Jr	Iowa City
C. W. Sibley & Co	State Centre
Grinnell Creamery	Grinnell
Wm. Beard & Sons	Decorah
Summerfield Creamery Co	Postville
P. G. Henderson	Central City
J. W. Brazelton	Prairieburg
J. E. Neeley	Grinnell
Heynen & Von Oven	Miles
Marble Rock Creamery	Marble Rock

FIFTY POUNDS BUTTER MADE IN MICHIGAN.

John T. Clark	Clinton
H. R. Kingman	Battle Creek
G. B. & C. S. Smith	Eagle

FIFTY POUNDS BUTTER MADE IN MINNESOTA.

A. P. Foster	Plainview
Frank D. Holmes	Owatonna
C. G. Pride	Janesville

FIFTY POUNDS BUTTER MADE IN WISCONSIN.

E. U. Baker	Edmund
M. H. Church	Walworth
J. M. Thomas	Dixon
" "	Dixon
H. W. Kellogg	Ripon
D. Le Baron	Ripon
Charles Thorpe	Burnett Junc.
S. E. Gernon	Waukesha
Geo. H. White	Ft. Atkinson
Grant Co. Creamery	Potosi

Lot 60—Butter—Continued.

FIFTY POUNDS BUTTER MADE IN NEBRASKA.

EXHIBITOR.	POSTOFFICE.	EXHIBITOR.	POSTOFFICE
Table Rock Cry. Ass'n	Table Rock	R. H. Valentine	Steele City

FIFTY POUNDS BUTTER MADE IN OHIO.

L. P. Bailey.....Pugh, Ohio.

FIFTY POUNDS BUTTER MADE IN CANADA OR ANY STATE NOT NAMED.

Seeds & Ferguson.....Philadelphia, Pa.
Smiths, Powell & Lamb.....Syracuse, N. Y.
Wm. H. Gilbert.....Richland, N. Y.

GILES BROS. SPECIAL PRIZE.

For best package of Butter of not less than 50 pounds, exhibited in lot 60, Giles Bros., Jewelers, Chicago, offer a Gold Watch with dust-proof and anti-magnetic case, value $100.00.

EXHIBITOR.	POSTOFFICE.
Seeds & Fergerson	Philadelphia, Pa.
N. P. Wilson	Sterling, Ill.
Wm. Beard & Sons	Decorah, Ia.
Mrs. J. F. Montgomery	Kenney, Ill.
T. C. Ryan	Bloomingdale, Ill.
E. U. Baker	Edmund, Wis.
H. R. Kingman	Battle Creek, Mich.
J. B. Petty	Mt. Carroll, Ill.
Indianola C'y Co	Indianola, Ia.
Table Rock C'y Ass'n	Table Rock, Neb.
A. M. Bingham	Jesup, Ia.
C. G. Pride	Janesville, Minn.
W. R. Hostetter	Mt. Carroll, Ill.
D. Le Baron	Ripon, Wis.
M. H. Church	Walworth, Wis.
Frank D. Holmes	Owatonna, Minn.
J. W. Brazelton	Prairieburg, Iowa.
G. B. & C. S. Smith	Eagle, Mich.
Aurora Creamery Co	Aurora, Ill.
S. E. Gernon	Waukesha, Wis.
Geo. H. White	Ft. Atkinson, Wis.
Thos. B. Wales, Jr	Iowa City, Ill.
Wm. Stewart	Franklin Grove, Ill.
A. P. Foster	Plainview, Minn.
C. F. Tenney	Bement, Ill.
J. S. Overton & Son	Solon, Ill.
J. Colvin	Kingston, Ill.
Fitzsimmons & Evanson	W. McHenry, Ill.
E. L. Furness & Sons	Furnessville, Ind.
M. Richmond	Palatine, Ill.
Summerfield C'y Co	Postville, Ia.
L. C. Roach	Zwingle, Ia.
Horton Gillis	Big Foot Prairie, Ill.
E. A. Berry	Adeline, Ill.
D. M. Adams	Argenta, Ill.
C. E. Feakins	Kirkland, Ill.
J. Grovlin	Kirkland, Ill.
J. W. Segar	Rockford, Ill.
L. P. Bailey	Pugh, O.

EXHIBITOR.	POSTOFFICE.
D. M. Adams	Argenta, Ill.
Charles Thorpe	Burnett Junc., Wis.
Homer Wattles	W. McHenry, Ill.
J. M. Thomas	Dixon, Ill.
J. M. Thomas	Dixon, Ill.
W. A. Boies	Marengo, Ill.
H. W. Kellogg	Ripon, Wis.
D. C. Woolverton	Belvidere, Ill.
McCray & Kessler	Kendallville, Ind.
Ed. Buchanan	Johnsburg, Ill.
Geo. F. Davis & Co	Dyer, Ind.
Wm. H. Gilbert	Richland, N. Y.
Byron Colby	Libertyville, Ill.
C. W. Sibley & Co.	State Center, Ia.
James Campbell	Lake Zurich, Ill.
Wm. McCredie	Algonquin, Ill.
C. L. Harrison	Libertyville, Ill.
Smiths, Powell & Lamb	Syracuse, N. Y.
H. C. Beckman	Brunswick, Ind.
R. H. Valentine	Steele City, Neb.
P. Moran & Co	Chicago, Ill.
Doolittle & Barnes	Onarga, Ill.
R. M. Patrick	Marengo, Ill.
Eyman & McGuire	Eureka, Ill.
J. E. Neeley	Grinnell, Ia.
Gurler Bros	DeKalb, Ill.
John T. Clark	Clinton, Mich.
Heynen & Von Oven	Miles, Ia.
James McCredie	Elgin, Ill.
James McCredie	Elgin, Ill.
A. J. Negus	Marengo, Ill.
A. J. Negus	Marengo, Ill.
Fox River Butter Co.	Oswego, Ill.
Cook & Cheever	Waukegan, Ill.
G. B. March	Elgin, Ill.
Grant Co. Creamery	Potosi, Wis.
Marble Rock Creamery	Marble Rock, Ia.
Grinnell Creamery	Grinnell, Ia.

SPECIALS—DAIRY BUTTER.

The National Butter, Cheese and Egg Association offer for the best tub of not less than 50 pounds of Butter, Gold Medal, value $100.00.

EXHIBITOR.	POSTOFFICE.
J. B. Petty	Mt. Carroll, Ill.
Indianola Creamery Co	Indianola, Ia.
Table Rock Creamery Co	Table Rock, Neb.
A. M. Bingham	Jesup, Ia.
Wm. McCredie	Algonquin, Ill.
A. J. Negus	Marengo, Ill.
H. C. Beekman	Brunswick, Ind.
P. Moran & Co.	Chicago, Ill.
E. A. Berry	Adeline, Ill.
M. H. Church	Walworth, Wis.
Homer Wattles	West McHenry, Ill.
G. B. & C. S. Smith	Eagle, Mich.
S. E. Gernon	Waukesha, Wis.
C. E. Feakins	Kirkland, Ill.
Thos. B. Wales, Jr.	Iowa City, Iowa
Wattson Childs	Manchester, Iowa
C. F. Tenney	Bement, Ill.
Geo. H. White	Ft. Atkinson, Wis.
McCray & Kessler	Kendallville, Ind.
R. M. Patrick	Marengo, Ill.
Byron Colby	Libertyville, Ill.
Eyman & McGuire	Eureka, Ill.
Fitzsimmons & Evanson	West McHenry, Ill.
J. W. Segar	Rockford, Ill.
M. Richmond	Palatine, Ill.
Summerfield Creamery Co	Postville, Iowa
P. G. Henderson	Central City, Iowa
Horton Gillis	Big Foot Prairie, Ill.
Smiths, Powell & Lamb	Syracuse, N. Y.
A. J. Negus	Marengo, Ill.
R. H. Valentine	Steele City, Neb.
Fox River Butter Co.	Oswego, Ill.
W. R. Hostetter	Mt. Carroll, Ill.
F. D. Holmes	Owatonna, Minn.
J. W. Brazelton	Prairieburg, Iowa
W. A. Boies	Marengo, Ill.
H. W. Kellogg	Ripon, Wis.
Wm. Beard & Sons	Decorah, Iowa
N. P. Wilson	Sterling, Ill.
A. P. Foster	Plainview, Minn.
T. C. Ryan	Bloomingdale, Ill.
Seeds & Ferguson	Philadelphia, Pa.
Ed. Buchanan	Johnsburg, Ill.
Wm. H. Gilbert	Richland, N. Y.
Gurler Bros	DeKalb, Ill.
James Campbell	Lake Zurich, Ill.
J. Grovlin	Kirkland, Ill.
Cook & Cheever	Waukegan, Ill.
Doolittle & Barnes	Onarga, Ill.

The De Laval Cream Separator Co. offer for the best tub of Butter of not less than 50 pounds, cash, $50.00.

J. B. Petty	Mt. Carroll, Ill.
Horton Gillis	Big Foot Prairie, Ill.
T. Bacon	Wauconda, Ill.
M. Richmond	Palatine, Ill.
Wm. McCredie	Algonquin, Ill.
C. L. Harrison	Libertyville, Ill.
Smiths, Powell & Lamb	Syracuse, N. Y.
A. J. Negus	Marengo, Ill.
R. H. Valentine	Steele City, Neb.
Fox River Butter Co	Oswego, Ill.
M. H. Church	Walworth, Wis.
Homer Wattles	West McHenry, Ill.
J. M. Thomas	Dixon, Wis.
S. E. Gernon	Waukesha, Wis.
Wm. Beard & Sons	Decorah, Iowa
Wm. Stewart	Franklin Grove, Ill.
A. P. Foster	Plainview, Minn.
T. C. Ryan	Bloomingdale, Ill.
Ed. Buchanan	Johnsburg, Ill.
Byron Colby	Libertyville, Ill.
Eyman & McGuire	Eureka, Ill.
Fitzsimmons & Evanson	West McHenry, Ill.
J. W. Segar	Rockford, Ill.
A. J. Negus	Marengo, Ill.
H. C. Beekman	Brunswick, Ind.
P. Moran & Co.	Chicago, Ill.
W. R. Hostetter	Mt. Carroll, Ill.
F. D. Holmes	Owatonna, Minn.
J. W. Brazelton	Prairieburg, Iowa
G. B. & C. S. Smith	Eagle, Mich.
C. E. Feakins	Kirkland, Ill.
Thos. B. Wales, Jr.	Iowa City, Iowa
N. P. Wilson	Sterling, Ill.
C. F. Tenney	Bement, Ill.
McCray & Kessler	Kendallville, Ind.
R. M. Patrick	Marengo, Ill.
Gurler Bros	DeKalb, Ill.
James Campbell	Lake Zurich, Ill.
J. Grovlin	Kirkland, Ill.

P. Moran & Co. offer for the best tub of Creamery Butter, salted with Rice's Pure Dairy Salt, cash, $25.00.

M. Richmond	Palatine, Ill.
N. P. Wilson	Sterling, Ill.
Eyman & McGuire	Eureka, Ill.
E. A. Berry	Adeline, Ill.
C. F. Tenney	Bement, Ill.
James Campbell	Lake Zurich, Ill.

John Boyd, of Chicago, offers for the best tub of Butter of not less than 50 pounds, made in a whole-milk factory by the Cooley Submerged Process, No. 3 Cooley Creamer, value $40.00.

Table Rock Creamery Ass'n	Table Rock, Neb.
A. M. Bingham	Jesup, Iowa
Wm. Stewart	Franklin Grove, Ill.
P. G. Henderson	Central City, Iowa
S. E. Gernon	Waukesha, Wis.
Ed. Buchanan	Johnsburg, Ill.

SPECIALS—DAIRY BUTTER—Continued.

John Boyd, of Chicago, offers for the best tub of Butter of not less than 50 pounds, made in a creamery by the Cooley Submerged Process, from gathered cream, Premium No. 3 Cooley Creamer, value $40.00.

EXHIBITOR.	POSTOFFICE.	EXHIBITOR.	POSTOFFICE.
Indianola Creamery Co	Indianola, Iowa	Homer Wattles	West McHenry, Ill.
Geo. H. White	Ft. Atkinson, Wis.	Ed. Buehanan	Johnsburg, Ill.
Fitzsimmons & Evanson	West McHenry, Ill.		

John Boyd, of Chicago, offers for the best tub of Butter of not less than 20 pounds, made by the Cooley Submerged Process, Premium No. 2 Cooley Creamer, value $30.00.

Mrs. P. G. Henderson	Central City, Iowa	Horton Gillis	Big Foot Prairie, Ill.
T. Baeon	Wauconda, Ill.	H. C. Beekman	Brunswiek, Ind.
D. M. Adams	Argenta, Ill.	F. D. Holmes	Owatonna, Minn.
Dexter P. Fountain	Warrenville, Ill.	Wm. H. Gilbert	Riehland, N. Y.
Byron Colby	Libertyville, Ill.	John Hodgson, Jr	Pewankee, Wis.
W. N. McConnell	Dartford, Wis.		

Moseley's Pritchard Manufacturing Co., of Clinton, Iowa, offer for the best display of Granulated Butter made in farm dairy, Moseley's No. 6 Occident Creamery, with Refrigerator combined, value $40.00. The application to be accompanied with plain and intelligent directions for making same, together with an essay on the advantages of making butter in granulated form.

F. D. Holmes	Owatonna, Minn.	W. R. Hostetter	Mt. Carroll, Ill.

Cornish, Curtis & Green, manufacturers of Dairy Goods, Ft. Atkinson, Wis., offer for best tub of Creamery Butter of not less than 50 pounds, made with churn and butter-worker of their make, 300-gallon Curtis Factory Churn, value $40.00.

J. B. Petty	Mt. Carroll, Ill,	Table Rock Creamery Co	Table Rock, Neb.
P. G. Henderson	Central City, Iowa	H. C. Beckman	Brunswick, Ind.
F. D. Holmes	Owatonna, Minn.	Wm. Beard & Sons	Decorah, Iowa
Geo. H. White	Ft. Atkinson, Wis.	James Campbell	Lake Zurich, Ill.
Heynen & Von Oven	Miles, Iowa		

Cornish, Curtis & Green, manufacturers of Dairy Goods, Ft. Atkinson, Wis., offer for the best tub of Farm-made Butter of not less than 20 pounds, made with a Rectangular Churn, the following:

No. 3 Rectangular Churn	$9 00
No. 1 Lever Butter-worker	6 50
One Butter Tray	3 00
Two Spoon Ladles	50
One Thermometer	50
One Butter Mold	50
	$20 00

J. B. Petty	Mt. Carroll, Ill.	H. C. Beekman	Brunswick, Ind.
H. W. Kellogg	Ripon, Wis.		

The Thorley Food Co., 39 Franklin Street, Chicago, offer for best 5 pounds of Butter made from the milk of one Native or Grade cow:

G. B. & C. S. Smith	Eagle, Mich.

CHEESE.

Potter Palmer, of the Palmer House, Chicago, offers for the best lot of Creamery Cheese of not less than 50 pounds, cash, $50.00.

E. P. Ingalls..... Milford, Wis.

Class N. Lot 61.

THREE CASES OF CHEESE, CHEDDAR SHAPE—Made May or June.

EXHIBITOR.	POSTOFFICE.	EXHIBITOR.	POSTOFFICE.
Chester Hazen	Brandon, Wis.	D. C. Woolverton	Belvidere, Ill.
Jefferson Colvin	Kingston, Ill.	F. D. Holmes	Owatonna, Minn.

THREE CASES OF CHEESE, CHEDDAR SHAPE—Made any time.

J. E. Neeley	Grinnell, Iowa.	A. J. Decker	Fond du Lac, Wis.
E. P. Ingalls	Milford, Wis.	Chester Hazen	Brandon, Wis.
A. H. Barber	183 S. Water St., Chicago, Ill.	D. C. Woolverton	Belvidere, Ills.
J. Colvin	Kingston, Ill.		

THREE CASES CHEESE, FLAT.

J. E. Neeley	Grinnell, Iowa.	A. J. Decker	Fond du Lac, Wis.
Potter & Barker	La Fox, Ill.	E. P. Ingalls	Milford, Wis.
Chester Hazen	Brandon, Wis.	H. M. Durkee	Milbern, Ohio.
A. H. Barber	Chicago, Ill.	D. C. Woolverton	Belvidere, Ill.
J. Colvin	Kingston, Ill.		

CASE YOUNG AMERICA CHEESE.

J. Colvin	Kingston, Ill.	D. C. Woolverton	Belvidere, Ill.
J. E. Neeley	Grinnell, Iowa.	A. H. Barber	Chicago, Ill.

SWITZER CHEESE.

M. Freitag	Dayton, Wis.	Christ. Schenck	Nevada, Ohio.

FULL CREAM CHEESE—American Manufacture.

Milo Munger	Harvard, Ill.	A. M. Bingham	Jesup, Iowa.
do	do	T. D. Widder	Brillion, Wis.
do	do	Potter & Barker	La Fox, Ill.
do	do	do	do
do	do	do	do
do	do		

DISPLAY OF CHEESE BY MANUFACTURER.

Sam'l B. Davis..... Chicago, Ill.

THREE CASES CHEESE, SCORING 85 OR MORE POINTS.

A. M. Bingham	Jesup, Iowa.	J. E. Neeley	Grinnell, Iowa.
A. J. Decker	Fond du Lac, Wis.	E. P. Ingalls	Milford, Wis,
Chester Hazen	Brandon, Wis.	A. H. Barber	Chicago, Ill.

LOT OF CHEESE, NOT LESS THAN FIFTY POUNDS.

J. Colvin	Kingston, Ill.	D. C. Woolverton	Belvidere, Ill.
A. M. Bingham	Jesup, Iowa.	J. E. Neeley	Grinnell, Iowa.
A. J. Decker	Fond du Lac, Wis.	E. P. Ingalls	Milford, Wis.
Chester Hazen	Brandon, Wis.		

DISPLAY OF BUTTER AND CHEESE BY DEALER.

J. Colvin	Kingston, Ill.	D. C. Woolverton	Belvidere, Ill.
A. H. Barber	Chicago, Ill.		

CHEESE—CONTINUED.

Lot 62.

Special Prizes offered by Citizens of Chicago.

CHEESE MADE IN ILLINOIS.

J. Colvin.....Kingston, Ill. | D. C. Woolverton.....Belvidere, Ill.

CHEESE MADE IN IOWA.

A. M. Bingham.....Jesup, Iowa. | J. E. Neeley.....Grinnell, Iowa.

CHEESE MADE IN WISCONSIN.

Chester Hazen.....Brandon, Wis.
T. D. Widder.....Brillion, Wis.
T. D. Widder.....Brillion, Wis.
E. P. Ingalls.....Milford, Wis.

CHEESE MADE IN OHIO.

H. M. Durkee.....Milbern, Ohio.

BEST LOT OF CHEESE EXHIBITED IN LOT 62.

The Victor Grinding Mill Co., of Chicago, offer a Victor Grinding Mill, with horse power, value $75.00.

J. Colvin.....Kingston, Ill.
A. M. Bingham.....Jesup, Iowa.
H. M. Durkee.....Milbern, Ohio.
E. P. Ingalls.....Milford, Wis.
D. C. Woolverton.....Belvidere, Ill.
Chester Hazen.....Brandon, Wis.
T. D. Widder.....Brillion, Wis.
J. E. Neeley.....Grinnell, Iowa

Special Premiums for the American Fat Stock and Dairy Show for 1885.

Class A—Cattle.

Lot 2—Herefords.

The American Hereford Cattle Breeders' Association will duplicate premiums awarded pure-bred Hereford and Grade Hereford Cattle exhibited at the Eighth American Fat Stock and Dairy Show, and in addition offer the following:

BREEDERS' RING.

Bred and owned by Exhibitor.

6	Best Hereford Steer or Spayed Heifer, 3 and under 4	$30 00
	Second best	20 00
	Third best	10 00
	Best Hereford Steer or Spayed Heifer, 2 and under 3	30 00
	Second best	20 00
	Third best	10 00
7	Best Hereford Steer or Spayed Heifer, 1 and under 2	30 00
	Second best	20 00
	Third best	10 00

GRADES BY HEREFORD BULL.

	Best Grade Steer or Spayed Heifer, 3 and under 4	$30 00
	Second best	20 00
	Third best	10 00
	Best Grade Steer or Spayed Heifer, 2 and under 3	30 00
	Second best	20 00
	Third best	10 00
	Best Grade Steer or Spayed Heifer, 1 and under 2	30 00
	Second best	20 00
	Third best	10 00
	Best Grade Steer sired by Hereford Bull, James Wilde, Jr., & Co., corner Madison and State streets, offer an Overcoat, value	50 00

Lot 4—Aberdeen-Angus.

The American Aberdeen-Angus Association will duplicate premiums awarded Aberdeen Cattle or their Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 5—Holstein-Friesian.

The Holstein-Friesian Association of America will duplicate premiums awarded pure-bred Holstein-Friesian Cattle or Holstein-Friesian Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 8—All Breeds and Grades, by Ages.

29	Best Steer or Spayed Cow, 3 and under 4 years, The W. W. Kimball Company, Chicago, offer Parlor Organ, valued at	$275 00
30	Best Steer or Spayed Heifer, 2 and under 3 years, Fairbanks, Morse & Co., Chicago, offer one Four-ton Scale, with Double Beam and Weigh Box, valued at	170 00
31	Best Steer or Spayed Heifer, 1 and under 2 years, H. C. Staver Implement Co., Chicago, offer a New Buckeye Feed Mill, valued at	80 00
32	Best Steer or Spayed Heifer, under 1 year, G. D. Colton & Co., Galesburg, Ill., offer a Colton's "New Deal" Rotary Corn Planter and Check Rower combined, value	70 00

Lot 9—Sweepstakes.

E. A. Porter & Bros., Bowling Green, Ky., offer for the

32½	Best Animal shown in Lot 1, Shorthorns, the Porter Corn Crusher, value	$75 00

Thorley Food Company, 39 Franklin street, Chicago, offer premiums as follows:

33	Best animal shown in Lot 1, Short-Horns, 50 pounds Thorley Food, value	$7 50
34	Best animal shown in Lot 2, Herefords, 50 pounds Thorley Food, value	7 50
35	Best animal shown in Lot 3, Devons, 50 pounds Thorley Food, value	7 50
36	Best animal shown in Lot 4, Aberdeen-Angus or Galloway, 50 pounds Thorley Food, value	7 50
37	Best animal shown in Lot 5, Holstein-Friesian, 50 pounds Thorley Food, value	7 50
38	Best animal shown in Lot 6, Grades or Crosses, 50 pounds Thorley Food, value	7 50
39	Best animal shown in Lot 7, Range Cattle, 50 pounds Thorley Food, value	7 50
40	For best animal shown in Lot 2, Herefords, the Belle City Mfg. Co., Racine, Wis., offer a No. 3 Belle City Power Feed Cutter, value	65 00
41	For best animal shown in Lot 4 Aberdeen-Angus or Galloways, the Appleton Mfg. Co., of Appleton, Wis., offer a Power Feed Mill, with Sacker, value	110 00
42	For best animal shown in Lot 6, Grades or Crosses, A. Ortmayer & Son, 16, 18, 20 and 22 State street, offer a Cowboy Roping Saddle, complete, value	50 00
43	The Polled Cattle Society, of North Britain, offer for the best Steer, Spayed Cow or Heifer of the Aberdeen-Angus breed, exhibited at the American Fat Stock and Dairy Show of 1885, a gold medal of £10, value	50 00

Lot 10—Grand Sweepstakes.

44	Best Steer or Cow in the Show, bred and raised by exhibitor, J. H. Sanders & Co., of Chicago, offer the *Breeders' Gazette* Challenge Gold Medal, valued at	$125 00

This medal to be won two years in succession or any three years by the same person before it becomes his absolute property.

Lot 11—Pen of Cattle.

45	Best five Steers or Spayed Cows 3 and under 4 years, Marshall Field & Co., Chicago, cash	$100 00
46	Best five Steers or Spayed Heifers 2 and under 3 years, Marshall Filed & Co., Chicago, cash	100 00
47	Best five Steers or Spayed Heifers, 1 and under 2 years, Marshall Field & Co., Chicago, cash	100 00
	E. W. Blatchford & Co., of Chicago, offer for the best five Steers or Spayed Heifers, of any age or breed, exhibited at the American Fat Stock and Dairy Show of 1885	50 00

Lot 12—Dressed Carcass.

Thorley Food Company, 39 Franklin street, Chicago, offer premiums as follows:

48 Best Carcass Steer or Spayed Cow, 3 and under 4 years, 50 pounds Thorley Food, value $7 50
49 Best Carcass of Steer or Spayed Heifer, 2 and under 3 years, 50 pounds Thorley Food, value..... 7 50
50 Best Careass of Steer or Spayed Heifer, 1 and under 2 years, 50 pounds Thorley Food, value 7 50

Class B—Horses.

The following prizes have been donated by the manufacturers, to encourage the exhibition of Horses, but have been designated by the Committee of the Board of Agrieulture to the different breeds.

Lot 22—Norman-Percheron.

STUD PRIZE.

I. L. Ellwood, DeKalb, Illinois, offers for five best Freneh Draft Stallions over 2 years old, imported in 1885, owned by one party, with or without certificate of registry in Franee.....$100 00
Best Stallion 3 years old or over, Studebaker Bros. Mfg. Co., South Bend, Ind., offer a Studebaker Farm Wagon, complete, value..... 125 00
The Cortland Wagon Co., of Cortland, N. Y., and 370 and 372 Wabash avenue, Chicago, offer for the best Norman Stallion, 2 and under 3 years old, a cutter, value..... 65 00

Lot 23—Clydesdale.

Best Stallion 3 years old or over, David Bradley Mfg. Co., Chicago, offers Swing Beam Sulky Plow, valued at..... 60 00
Best Stallion 2 and under 3 years old, Walter A. Wood Mowing and Reaping Machine Co., Chicago, offers one Iron-Cased Mower, value..... 75 00

Lot 24—English Shire.

Best Stallion 3 years old or over, Schuttler & Hotz, Chicago, offer an entirely new style of Self-dumping Farm Cart with 3¼-inch patent steel skeins; wheels 4 ft. 8 in. high; tire, 1½ in. wide; with a convertible dash that can be used as a seat, and a mechanical dumping arrangement that lifts the tailboard up out of the way in the act of dumping—a totally new and original device, that will please every farmer and stockman, valued at..... $75 00
Best Stallion 5 and under 3 years old, Garfield Mfg. Co. Chicago, offers a handsomely ornamented Bridle, Surcingle and Blanket, value..... 25 00

Best Roadster, Mare or Gelding.

Abbott Buggy Company, of Chicago, offers a Perry Road Cart, awarded Gold Medal at World's Fair, New Orleans, value $100 00
Best pair Roadster Mares, Geldings or Stallions, owned at the time of exhibition by a farmer or breeder who bred and raised the team, McCormick Harvesting Manufacturing Company, of Chicago, offers an Iron Mower, value.. 75 00
Best pair Carriage Horses, Mares or Geldings, J. M. W. Jones, Chicago, offers Letter Press and Stand, value... 25 00
Best Saddle Horse, The Kent Publishing Co., 79 Monroe street, Chicago, offers a Gold-Mounted Riding Whip, value..... $20 00
Best Saddle Horse, the P. Hayden Saddlery Hardware Co., 45 and 47 Lake street, Chicago, offers one Gentleman's Riding Saddle, value..... ..... 25 00
Best Shetland Pony, The Meriden Brittania Co., A. L. Sercomb, Manager, Chicago, offers Silver Cup, value..... 25 00
Best Saddle Pony, L. Adams & Co., Clothiers, cor. Clark and Adams sts., Chicago, offer solid Silver Cup, value..... 15 00

Class C—Sheep.

Lot 35—Sweepstakes.

The Thorley Food Co. 39 Franklin street, Chicago, offer premiums as follows:

107 Best Wether over 2 years old, 25 pounds Thorley Food, value..... $4 00
108 Best Wether 1 and under 2 years old, 25 pounds Thorley food, value 4 00
109 Best Wether under 1 year old, 25 pounds Thorley food, value..... 4 00
E. W. Blatchford & Co., of Chicago, offer for the best five fat Wethers of any age or breed exhibited at the American Fat Stock and Dairy Show of 1885, one ton of Blatchford's Royal Stock Food, valued at..... 27 50

Lot 38—Pen Wethers.

112 Best 5 Fat Wethers over 2 years old, Marshall Field & Co., Chicago, cash $100 00

CLASS D—Swine.

Lot 52—Sweepstakes.

The Thorley Food Co., 39 Franklin street, Chicago, offer premiums as follows:

138 Best Barrow shown in Lot 43, Berkshire, 25 pounds Thorley Food, value .... $ 4 00
139 Best Barrow shown in Lot 44, Poland China, 25 pounds Thorley Food, value..... 1 00
140 Best Barrow shown in Lot 45, Chester White, 25 pounds Thorley Food, value..... ..... 4 00
141 Best Barrow shown in Lot 46, Essex, 25 pounds Thorley Food, value..... 4 00
142 Best Barrow shown in Lot 47, Duroc Jersey Red, 25 pounds Thorley Food, value..... 4 00
143 Best Barrow shown in Lot 48, Yorkshire and Suffolk, 25 pounds Thorley Food, value..... 4 00
144 Best Barrow shown in Lot 49, Victoria, 25 pounds Thorley Food, value..... ..... 4 00
145 Best Barrow shown in Lot 50, Grades and Crosses, 25 pounds Thorley Food, value..... 4 00
148 Best five Fat Barrows 12 and under 18 months, Marshall Field & Co., Chicago, cash..... ..... 100 00

CLASS N.—Dairy.

Lot 59—Butter.

The National Butter, Cheese and Egg Association offer for the
Best tub of Butter of not less than 50 pounds, Gold Medal, value.....$100 00

Potter Palmer, of the Palmer House, Chicago, offers for the

156 Best tub of Dairy Butter of not less than 20 pounds, cash $50 00

The De Laval Cream Separator Company, 92 Lake street, offer for the

Best tub of Butter of not less than 50 pounds, cash $50 00

Drake, Parker & Co., of the Grand Pacific Hotel, Chicago, offer for the

173 Best tub of Butter of not less than 50 pounds, the Butter to be the property of Drake, Parker & Co., cash $50 00

P. Moran & Co., dealers in Dairy Products, 107 South Water street, offer for the

Best tub of Creamery Butter, of not less than 50 pounds, salted with Riee's "Pure Dairy Salt," cash..... $25 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 50 pounds, made in a whole-milk faetory by the Cooley Submerged Process, No. 3 Cooley Creamer, value 40 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 50 pounds, made in a creamery by the Cooley Submerged Process, from gathered cream, No. 3 Cooley Creamer, value 40 00

John Boyd, of Chicago, offers for the

Best tub of Butter of not less than 20 pounds, made by the Cooley Submerged Process, No. 2 Cooley Creamer, value 30 00

The Thorley Food Company, 39 Franklin street, Chicago, offers for the best results in increasing the quantity of Butter and Milk during a period of 30 days, the cow to be fed as per directions on Thorley Food, the Butter to be the property of the Thorley Food Co., 200 pounds Thorley Food, value 25 00

The Thorley Food Co., 39 Franklin street, Chicago, offers for best sample of butter made from the milk of one recorded cow of the following breeds:

Best 5 pounds Butter made from the milk of one Native or Grade Cow, 25 pounds Thorley Food, value $4 00

161 Best 5 pounds Butter, Jersey Cow, 25 pounds Thorley Food, value 4 00

162 Best 5 pounds Butter, Guernsey Cow, 25 pounds Thorley Food, value 4 05

163 Best 5 pounds Butter, Ayrshire Cow, 25 pounds Thorley Food, value 4 00

164 Best 5 pounds Butter, Holstein-Friesian Cow, 25 pounds Thorley Food, value..... 4 00

165 Best 5 pounds Butter, Devon Cow, 25 pounds Thorley Food, value 4 00

166 Best 5 pounds Butter, Short-Horn Cow, 25 pounds Thorley Food, value 4 00

167 Best 5 pounds Butter, Hereford Cow, 25 pounds Thorley Food, value 4 00

168 Best 5 pounds Butter, Angus Cow, 25 pounds Thorley Food, value 4 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer for the manufaeturer—

156 For best package of not less than 20 pounds Dairy Butter, made at any time, one Lever Butter-Worker, made by H. H. Palmer & Co., of Rockford, Ill., value..... $5 00

Moseley's Pritchard Manufacturing Co., of Clinton, Iowa, offer for the best display of granulated butter made in farm dairy, Moseley's No. 6 Occident Creamery with Refrigerator combined, value $40.00. The application to be accompanied with plain and intelligent directions for making same, together with an essay on the advantages of making butter in granulated form.

E. W. Blatchford & Co., of Chicago, offer for the

169 Best sample Milk from one recorded cow, produced in 24 hours, from which the greatest amount of butter is obtained, one ton Blatchford's Royal Stock Food, valued at..... $27 50

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufaeturer—

157 For best 5 pounds or rolls of Butter of not more than 1 pound eaeh, one Nesbit Butter Printing Maehine, made by the Vermont Farm Machine Company, Bellows Falls, Vt., value $6 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer—

158 For best sample granulated Butter shown in glass, one No. 2 Boss Churn, made by H. H. Palmer & Co., Roekford, Ill., value $6 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Miehigan st., Chieago, offer for the manufaeturer—

159 For best sample of Butter of not less than 5 pounds, made from the milk of one cow, one No. 3 Davis Swing Churn, made by the Vermont Farm Machine Co., Bellows Falls, Vt., value $10 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Miehigan st., Chicago, offer for the manufaeturer—

160 For best exhibit of fancy print Butter in shipping ease for home market, one Crowell Thermometer Churn, made by the Ames Plow Co., Boston, Mass., value..... $8 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Miehigan st., Chicago, offer for the manufaeturer—

172 For largest and best display of Butter by one manufacturer, Butter and Cheese Color, made at Hansen's Laboratory, Little Falls, N. Y., value..... $25 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer—

For best tub of Creamery Butter of not less than 50 ponnds, made with ehurn and butter-worker of their make, 300-gallon Curtis Faetory Churn, value..... $40 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer—

For the best tub of farm-made Butter of not less than 20 pounds, made with a Reetangular Churn, the following:

No. 3 Reetangular Churn.....	$9 00
No. 1 Lever Butter-worker	6 50
One Butter Tray.....	3 00
Two Spoon Ladles.....	50
One Thermometer.....	50
One Butter Mold.....	50
	$20 00

Lot 60—Butter—State Exhibit.

The Iowa Dairymen's Association offer for the
176 Best tub of Butter of not less than 50 pounds, made in Iowa, eash prize.....$50 00
The Illinois Dairymen's Assoeiation offer for the
174 Best tub of Butter of not less than 50 pounds, made in Illinois, eash prize.....$50 00
The Minnesota Dairymen's Assoeiation offer for the
178 Best tub of Butter of not less than 50 pounds, made in Minnesota, eash prize.....$50 00

Lot 61—Cheese.

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Miehigan st., Chieago, offer for the manufaeturer—
196 For the best lot of Cheese of not less than 50 pounds, made in Illinois, one Anderson Steamer, made by Haxtun Steam Heater Co., Kewanee, Ill., value.....$55 00
Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Miehigan st., Chicago, offer for the manufaeturer—
192 For best display of Cheese by one manufaeturer, Butter or Cheese Color, made by Wells & Riehardson, Burlington, Vt., value.....$25 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Miehigan st., Chieago, offer for the manufaeturer—
194 For best lot of Cheese of not less than 50 pounds, five saeks Higgin's Eureka Salt, made by the Higgin Eureka Salt Co,, Liverpool, England, value.....$13 00
Drake, Parker & Co., of the Grand Paeific Hotel, offer for the
194 Best lot of Cheese, not less than 50 pounds, the eheese to be the property of Drake, Parker & Co., eash prize.....$50 00
Potter Palmer, of the Palmer House, Chieago, offers for the
Best lot of Creamery Cheese of not less than 50 pounds, eash.....$50 00
J. C. Vaughan, seedsman, 42 La Salle st., Chieago, offers for the
194 Best lot of Cheese, not less than 50 pounds, No. 2 New England Root Cutter, value.....$14 00

Lot 62—Cheese—State Exhibit.

The Illinois Dairymen's Ass'n offer for the
196 Best lot of three Cheeses, not less than 50 pounds, made in Illinois, eash prize.....$50 00
Best 100 pounds of Cheese made from Blumenthal's Rennetine, Samuel B. Davis & Co., 108 and 110 South Water st.,offer Silver Piteher,value 50 00

TWELFTH ANNUAL MEETING ILLINOIS DAIRYMEN'S ASSOCIATION

WILL BE HELD AT

BELVIDERE, ILLINOIS, DECEMBER 9, 10 AND 11, 1885.

R. P. McGLINCY, SEC'Y, Elgin, Ill. H. B. GURLER, PRES'T, DeKalb, Ill.

THE ILLINOIS HORTICULTURAL SOCIETY

Will hold its annual meeting at Centralia, Deeember 8, 9 and 10, 1885.
The Society will hold a Fruit Exhibit in eonneetion with the meeting.

A. C. HAMMOND, SECRETARY, Warsaw. J. M. PEARSON, PRESIDENT, Godfrey.

H. M. DUNLAP, ASSISTANT SECETARY, Savoy.

DONATIONS.

The following cash subscriptions have been made in Chicago to the General Premium Fund of the Fat Stock and Dairy Show for 1885:

Union Stock Yards and Transit Co., John B. Sherman, Manager	$3,000
Chicago Board of Trade	500
Grand Pacific Hotel, John B. Drake & Co., Proprietors	250
Sherman House, J. Irving Pearce, Proprietor	250
Palmer House, Palmer House Co., Proprietors	100
Leland Hotel, Warren F. Leland, Proprietor	50
Burke's Hotel	25
Clifton House, Woodcock & Funny, Proprietors	25
Commercial Hotel, C. W. Dabb & Co., Proprietors	25
McCoy Hotel, Wm. McCoy, Proprietor	25
Windsor European Hotel, 145 Dearborn street, Samuel Gregsten, Proprietor	25
Brevoort House, 143 Madison street, Benjamin & Wentworth, Proprietors	25
Tremont House, John A. Rice & Co., Proprietors	25
Armour & Co	100
M. McDonald	100
E. J. Lehmann	50
Chas. P. Willard & Co	50
L. Adams & Co	25
A. H. Blackall	10
N. Matson & Co	10
Schlesinger & Mayer	10
S. Shick	10

Special Prizes.

The following prizes have been offered since the publication of the Premium List of the American Fat Stock and Dairy Show :

The *Chicago Mail* offers a cash prize of Twenty Dollars for the best original essay or composition written by a newsboy on "What I Saw at The Fat Stock and Dairy Show." Essays must be sent to the Hon. Allan C. Rush, Sherman House, Chicago. The full name and address must be given, so that the identity of the writer can be established before the prize is awarded.

THE HATTON-SNOWDEN CO., by FRANK HATTON, *Pres't.*

J. H. Sanders, Esq., of the *Breeders' Gazette*, of Chicago, offers a gold medal for the best Palace Live Stock Car, for the transportation of horses, exhibited at the American Fat Stock and Dairy Show, to be held in Chicago, November 10-19, 1885.

Awards to be based on the following points :

1. General strength and durability of construction.

2. The adjustment of springs and brakes that assures the greatest comfort to animals when train is in motion, and most effectually prevents injury in starting and stopping.

3. Convenience in loading and unloading stock, and watering and feeding stock in transit.

4. Facility in constructing single stalls into double and triple, in case of sickness or accident.

5. Economy of space.

6. Carrying capacity in numbers.

7. Perfection and convenience of ventilation.

A. M. Simmons, Esq., of Chicago, Illinois, offers a gold medal for the best Refrigerator Car for the transportation of beef and dairy products exhibited at the American Fat Stock and Dairy Show, held in Chicago, November 10-19, 1885.

Awards to be based on the following points :

1. A record of the longest continuous transit during the months of July or August, *without re-icing or use of salt*, of a car loaded with fresh beef or dairy products.

2. The least variation of temperature from time of loading the car with either dressed beef or dairy products, until the same was unloaded, *without re-icing or use of salt.*



Grade Hereford Steer, Regulus, exhibited by Fowler & Van Natta, Fowler, Ind. Awarded Grand Sweepstakes prize, American Fat Stock Show, 1885.

REPORT

OF THE

EIGHTH ANNUAL

AMERICAN FAT STOCK AND DAIRY SHOW,

HELD BY THE

Illinois State Board of Agriculture

IN THE

EXPOSITION BUILDING, CHICAGO,

NOVEMBER 10-19, 1885.

SPRINGFIELD, ILL.:
H. W. ROKKER, STATE PRINTER AND BINDER.
1885.

LIVE STOCK AND DAIRY MEETINGS,

HELD DURING THE

AMERICAN FAT STOCK AND DAIRY SHOW,

IN CHICAGO.

Nov. 10-14, Tuesday-Saturday, the Twelfth Annual Convention of the National Butter and Cheese Association, at Grand Pacific Hotel.

Nov. 11, Wednesday, National Swine Growers' Association, at the Sherman House, 10 o'clock A. M.

Nov. 11, Wednesday, the National Norman Horse Breeders' Association, at the Sherman House, at 7:30 o'clock P. M.

Nov. 11, Wednesday, the Percheron Horse Breeders' Association of America, at the Grand Pacific Hotel, at 7:30 P. M.

Nov. 12, Thursday, the American Shire Horse Breeders' Association, at the Sherman House, at 7:30 P. M.

Nov. 12, Thursday, the Illinois Holstein Breeders' Association, at the Sherman House, at 7:30 o'clock P. M.

Nov. 12, Thursday, the National Poland-China Association, at the Sherman House, at —— o'clock.

Nov. 12, Thursday, the American Aberdeen-Angus Breeders' Association, at the Grand Pacific Hotel, at 7 o'clock P. M.

Nov. 13, Friday, the American Hereford Cattle Breeders' Association, at the Sherman House, at 7 o'clock P. M.

Nov. 13, Friday, the American Clydesdale Association, at the Grand Pacific Hotel, at 7:30 P. M.

Nov. 13, Friday, the Illinois Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 7:30 o'clock P. M.

Nov. 13, Friday, the National Chester White Association, at the Sherman House, at 7:30 o'clock P. M.

Nov. 14, Saturday, the American Berkshire Association, at the Sherman House, at 7:30 P. M.

Nov. 16, Monday, the American South-down Breeders' Association, at the Sherman House, at 7:30 P. M.

Nov. 16, Monday, the Holstein-Friesian Association of America, at the Grand Pacific Hotel, at 2 o'clock P. M.

Nov. 17, Tuesday, American Cotswold Association, at the Sherman House, at 7:30 P. M.

Nov. 17, Tuesday, the Oxford Sheep Breeders' Association, at the Sherman House, at 7:30 P. M.

Nov. 17, Tuesday, the American Shropshire Association, at the Sherman House at 10 o'clock A. M.

Nov. 17 and 18, Tuesday and Wednesday, the National Cattle Growers' Convention, at the Exposition Building, 10 o'clock A. M. and 2:30 o'clock P. M.

Nov. 18, Wednesday, the American Short-Horn Breeders' Association, at the Grand Pacific Hotel, at 7:30 P. M.

Nov. 19, Thursday, American Duroc Jersey Swine Association, at the Grand Pacific Hotel, at —— o'clock.

Nov. 19, Thursday, the Annual Business Meeting of the National Cattle Growers' Association, at the Sherman House, at 10 o'clock A. M.

ILLINOIS STATE BOARD OF AGRICULTURE

FOR 1885-86.

President.....JOHN LANDRIGAN.....Albion
Ex-President.....J. R. SCOTT.....Champaign
Secretary.....CHARLES F. MILLS.....Springfield
Treasurer.....JOHN W. BUNN.....Springfield
Chief Clerk.....W. C. GARRARD.....Springfield

VICE-PRESIDENTS.

1st Dist.	—	J. Irving Pearce	Chicago	11th Dist.	— E. B. David	Aledo
2d	"	M. A. Morse	Chicago	12th	" Allan C. Rush	Perry
3d	"	J. C. Vaughan	Chicago	13th	" J. W. Judy	Tallula
4th	"	John P. Reynolds	Chicago	14th	" LaFayette Funk	Shirley
5th	"	John Griffith	Batavia	15th	" E. E. Chester	Champaign
6th	"	George S. Haskell	Rockford	16th	" Joseph Skeavington	Albion
7th	"	Sam'l Dysart	Franklin Grove	17th	" David Gore	Carlinville
8th	"	E. C. Lewis	Ottawa	18th	" D. B. Gillham	Upper Alton
9th	"	John Virgin	Fairbury	19th	" B. Pullen	Centralia
10th	"	D. W. Vittum, Jr	Canton	20th	" J. M. Washburn	Carterville

SUPERINTENDENT OF DEPARTMENTS, ETC., FAT-STOCK SHOW.

Class A—Cattle—Beef Breeds.....Mr. Funk
Class A—Cattle—Milk Breeds.....Mr. Reynolds
Class B—Horses—Other than Draft.....Mr. Lewis
Class B—Horses—Draft.....Mr. Gore
Class C—Sheep.....Mr. Vittum
Class D—Hogs.....Mr. David
Class F—Mechanics.....Mr. Vaughan
Class M—Farm Machinery.....Mr. Pullen
Class N—Dairy.....Mr. Chester
Marshal of the Ring.....Mr. Judy
Superintendent of Building.....Mr. Gillham
Superintendent of Forage and Stalls.....Mr. Virgin
Superintendent of Gates and Tickets.....Mr. Dysart

COMMITTEES.

Auditors.....Messrs. Pearce, Washburn and Pullen.
Committee on Reception.....Messrs. Landrigan, Scott, Gillham, Reynolds, Judy, Pearce, Washburn and Vittum.
Committee of Arrangements, Fat-Stock Show.....Messrs. Landrigan, Gillham, Reynolds, Gore, Pullen, Dysart, Vittum, Funk, Virgin, Washburn, Lewis, Chester, Judy, Skeavington, Morse, Vaughan and Mills.
Committee on Printing.....Messrs. Dysart, Haskell, Morse, Pearce, David and Mills.
Committee on Finance.....Messrs. Pearce, Pullen, Gore, Lewis, Washburn and Chester.
Committee on Transportation.....Messrs. Landrigan, Pearce, Vittum, Rush, Griffith, Scott and Mills.

ANNOUNCEMENT

OF THE

EIGHTH ANNUAL

American Fat Stock and Dairy Show.

This exhibition has for its object the encouragement of the most economical production of the best quality of meat. The general character of the show is the same as that of the great Smithfield show of London, England, that has been so popular for nearly one hundred years with all classes, and especially with those that consume the highest priced meat throughout the British Isles and the European continent.

The large premiums offered and the emulation among breeders and feeders, attracts in large numbers each succeeding year, to the American Fat Stock and Dairy Show the choicest specimens of the various breeds of meat producing animals to be found on either continent. The admirable arrangements provided for the exhibition of stock cannot fail to meet the approval of the ladies and gentlemen who may attend. The large increase in the attendance of the ladies from year to year, indicates that some of the advantages of the show are becoming more fully understood by the consumers. The unsurpassed facilities afforded the public for examining the live animals and determining the quality of meat of the same when slaughtered are only partially appreciated by the thousands of intelligent consumers that attend the show each year for the purpose of instruction in these important matters.

Not the least of the attractions at the forthcoming show will be the large exhibition, from all parts of the country, of butter, cheese, dairy cattle and utensils used in the manufacture of dairy products. Over three tons (6,000 pounds) of milk will be used each day of the show in the manufacture of butter and cheese in the Exposition Building, and the public will have a grand opportunity of seeing the most approved appliances and methods among the most successful dairymen of the country.

The enterprising and progressive live stock breeders of the United States and Canada will be in attendance at one or more of the score of National Live Stock and Dairy Associations that will hold their annual meetings in Chicago during the continuance of the American Fat Stock Show of 1885.

All the railroads with Chicago connections will sell excursion tickets to the show at greatly reduced rates, and the hotels of Chicago, with their accustomed liberality, have made the cost of living so reasonable that none can complain at the nominal charges for board.

The exhibition will be open to the public day and evening (except Sunday) from 9 o'clock A. M. Tuesday, November 10, 1885, until 10 o'clock P. M. Thursday, November 19, 1885.

For further information, address the Secretary at Springfield, Ill.

CHARLES F. MILLS,
Secretary.

PREMIUM LIST

AND

GENERAL RULES AND REGULATIONS

FOR THE EIGHTH ANNUAL AMERICAN FAT STOCK AND DAIRY SHOW.

The exhibition of Horses and the admission of Live Stock for exhibition only or for sale will be, if at all, only to the extent of the space at the disposition of the Committee of Arrangements, without limiting or incommoding the exhibition of Fat Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1885, after the close of the entries of competing animals.

The Exposition Building will be open for the reception of stock on Monday, November 9, and until Tuesday night, November 10, 1885.

ENTRIES.

1. Must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish blank applications, on which to specify exhibitor's name and address, with age and description of the animal offered.

2. In all thoroughbred classes authentic pedigrees must be furnished. Statements showing date of birth, the proportion of improved blood, so far as known, in each animal exhibited, in lots for grades or crosses, must be furnished at the time of entry.

3. The following fees will be charged, and must accompany applications for entries: For each horse, steer, cow or heifer, $2; for each sheep or hog, $1.

4. Each exhibitor must purchase an *Exhibitor's Ticket* ($1.50) when applying for entries (a firm being regarded as one exhibitor). Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitors' tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

5. Every animal must be entered for competition in the name of the owner. Only animals awarded first prizes in breed rings are eligible to compete in the sweepstakes rings, and only animals awarded sweepstakes prizes, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prizes.

6. A card will be furnished the exhibitor, at the time of making entry, specifying the Class, the number of the Lot, and the number of the entry, which card must remain attached to the animal during the exhibition, except in Classes C and D, where the cards must be attached to the pen.

7. Diligence will be used by the officers of the Board to prevent injury to or loss of property, but they will not be responsible for any damage, or loss, or injury to person that may occur.

8. In no case shall the gain per day be computed or reported, unless the exact age of the animal shall be verified by the affidavit of the owner or of some credible party. All statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavti.

9. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges for each class, two of whom, if agreed, shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

10. Committeemen, before entering upon their duties, shall pass a satisfactory examination before the Board as to their qualifications. If, after such examination, the Superintendent become satisfied of the incompetency of any committeeman, he shall, without delay, report the fact to the President, who shall convene the Committee of Arrangements for such action as may be necessary.

11. The judges are instructed to award premiums to such animals as present the greatest weight in the smallest superfices—taking into consideration, age, the quality of flesh, and its distribution in the most valuable portions of the carcass.

12. Awarding Committees are instructed that if they have good reason to believe that any exhibitor, by false entry, or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.

13. Each award and notice of protest, if any is made, must be written in a plain, careful manner by the Superintendent, on blank page opposite the entry.

14. The entry books must be returned by the Superintendent of each Department to the Secretary as soon as the awards in each are completed.

15. Great care must be exercised to prererve the Awarding Committees' books, and the awards must be entered, as above, in a plain, legible manner, in the proper place, as the premiums will be paid on authority of these entries *only*.

16. Superintendents will be particular to observe the following:

Blue Ribbons are designated for first premiums.
Red Ribbons for second premiums.
White Ribbons for third premiums.

17. Decisions of Awarding Committees shall be final, and no appeal will be considered except in case of protest.

18. Objections to a person serving as a member of an Awarding Committee must be submitted to the Superintendent in writing, prior to making any award, giving good and sufficient reasons therefor. Superintendents receiving such objections, if deeming them worthy of consideration, shall report the same to the President, who, with the Superintendent, shall constitute a committee to fill the vacancy.

19. Any exhibitor attempting to interfere with judges during their adjudications will be promptly excluded from competition.

CONTRACTS FOR LABOR AND MATERIALS.

1. All contracts for labor and material required for the Fat Stock Show, not made by purchasing agent, shall be made in duplicate by the member or committee authorized to make the expenditure, the original copy to be given to the party contracted with and the duplicate to be filed with the Auditing Committee without delay.

COLLECTION OF FUNDS.

1. Officers and members of the Board receiving moneys of the Board must promptly pay the same over to the Treasurer, taking his itemized receipt in duplicate therefor. The party collecting and transferring the funds must forward the duplicate receipt of the Treasurer to the Secretary, who will credit the several accounts with the amounts named.

AUDITING COMMITTEE.

1. All vouchers for expenses incurred in connection with the Fat Stock Show must be approved by a majority of the Auditing Committee and then entered in a book kept for that purpose by the Secretary, who will issue an order on the Treasurer for the same in favor of the party furnishing the service or material. Said vouchers must be made in detail and certified by the member or committee on whose order the service or material was furnished. All bills must be presented to the Auditing Committee within ten days after the close of the Fat Stock Show.

2. All bills against the State Board of Agriculture must be made in detail; and all bills contracted during the show, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee before they can be paid by the Treasurer. It shall be the duty of the Auditing Committee to examine into the correctness of all bills presented for payment, and the committee shall have full power of investigation and approval as to the quantity, quality and cost of all articles purchased.

SUPERINTENDENTS.

1. The General Superintendent will have charge of the building and police and fire-extinguishing appliances. He will have an efficient police force on duty day and night, and will assign such number of policemen to the Superintendent of Departments as they may require.

2. Superintendent of Permits and Privileges will sell privileges for dining halls, stands, etc.

3. Superintendent of Gates and Tickets will have charge of the tickets, gates and ticket-takers.

SUPERINTENDENT OF STALLS AND FORAGE.

1. The Superintendent of Stalls and Forage will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before 8 o'clock A. M., and again between the hours of 5 and 7 P. M., and that the aisles are kept clean during the hours of exhibition.

SUPERINTENDENT PURCHASING DEPARTMENT.

1. Will make, on the requisitions of Superintendents, any necessary purchases of material (except forage) in connection with the Fat-Stock Show.

ADMISSION FEES.

1. Exhibitor's tickets, good during the Show, $1.50. Tickets admitting one person once, 25 cents. Tickets admitting children under 12 years of age, 15 cents.

THE PRESS.

The Press Committee will provide editors and reporters with the necessary permits to the building, and will assist them, so far as practicable, to such information regarding the Show as may be of interest to the public.

ANIMALS.

1. No animal can be removed until the close of the exhibition, except for adequate cause, and then only on the written order of the President.

2. Stock must be in the stalls or pens in the Exposition Building, Chicago, as above required, in order that they may be weighed, numbered and catalogued, previous to the opening of the Show.

3. Cattle must be well halter-broken: and vicious animals will not be admitted to the building.

4. The animals to be slaughtered will be placed in charge of the Superintendents of the Department in which they are entered, Monday morning of the Show, in order that they may receive the same feed and care until the day of slaughter.

5. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition (except dairy cattle shown in Lots 18 to 21).

6. The Superintendent may exclude stock from competition, should there be any unnecessary delay on the part of exhibitors in bringing animals into the show ring.

7. The animals for slaughter will be killed, dressed and weighed under direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor and subject to owners' risk as to condition. The offal to be sold to the highest bidder and the proceeds to be paid to the respective owners.

8. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.

9. Animals entered for competition in Class A—Cattle—will be examined as to age by a committee consisting of an experienced and practical veterinary surgeon and two practical and experienced feeders.

10. Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Fat Stock Show of 1885 will be excluded from the Exposition Building.

AWARDING COMMITTEES.

1. Each Awarding Committee will consist of three persons.

2. Awarding Committtes will commence examinations on Wednesday, November 11, at 9 o'clock A. M., and continued until awards are completed.

3. No person shall act as judge in any lot in which he may be interested as an exhibitor, the agent or employe of an exhibitor, or otherwise.

4. No animal deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition. In case of no competition, the awarding committee may award any grade of premium according to the merit of the animal or article.

5. Protests designed to affect awards must be made by an interested party, and notice given to the Superintendent of Department before the examination of the animal or article protested, and a written statement setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the notice is given; Provided, that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the Awarding Committee.

6. In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In cases of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all obtainable evidence, shall be presented on the final consideration of the question at issue. In addition to the right of protest herein guaranteed to interested parties, the State Board of Agriculture expressly reserves the right to take cognizance of any fraud which may have been consummated or attempted, and to deal with any party or parties implicated therein in such manner within the scope of the power of the Board as may from the evidence relating thereto be deemed just and proper.

7. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the Awarding Committe, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.

8. The judges will report only upon the animals entitled to premiums in the regular list, and authorized special or individual prizes, which, in all cases, must be duplicates of regular premiums as to the classification.

9. Judges, in making awards, will consider only animals in good condition for slaughter, and awards of premiums in regular rings shall carry the corresponding special premiums offered thereon.

CLASS A—CATTLE.

LA FAYETTE FUNK, Superintendent Beef Breeds.

JOHN P. REYNOLDS, Superintendent Dairy Breeds.

The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Cattle must be in their stalls in the Exposition Building, Chicago, not later than Monday, November, 9th, 1885, in order that may be weighed, numbered and catalogued previous to the opening of the Show. Stock must be well halter-broken and vicious animals will not be admitted to the building, or, if admitted, will be removed.

SPECIAL RULES.

1. All animals entered for competition in this class will be examined by a committee appointed be the President, and consisting of one experienced, practicing veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, *prior to the time fixed for the commencement of work by the Awarding Committee of this class*; and all questions, discrepancies and protests, founded upon or arising out of allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the Awarding Committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each animal will be $2.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition (except dairy cattle shown in Lots 18 to 21).

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at the time of entry. Statements showing date of birth, the proportion of improved blood, so far as known, in each animal exhibited in lots for grades or crosses, must be furnished at time of entry. Steers and spayed heifers compete together. Barren cows or heifers on Free Martins not eligible to competition.

6. Only animals awarded first prizes in Lots 1, 2, 3, 4, 5, 6, 7 and 8 are entitled to compete in the sweepstakes ring, Lot 9; and only animals awarded sweepstakes prizes in Lot 9, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 10. Animals awarded sweepstakes prizes in Lot 9, and the grand sweepstakes prize in Lot 10, will be slaughtered in competition for the prizes in Lot 12. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 15, heaviest fat steer, may be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. Cattle shown in Lot 11, Pen of Cattle, to weigh at the Exposition Building as follows: Steers three and under four years, not less than 1,800 pounds each; steers two and under three years, not less than 1,500 pounds each; steers one and under two years, not less than 1,000 pounds each.

9. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

10. Animals originally entered for competition in Lots 12 and 13, carcasses, will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 10, grand sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value per pound. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners,

12. Premium animals only will be measured.

BEEF BREEDS—CATTLE.

LA FAYETTE FUNK, SUPERINTENDENT.

Lot 1—Short-Horns.

1	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
2	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
3	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
4	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 2—Herefords.

5	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
6	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
7	Best Steer or Spayed Heifer 1 and 2 years	30 00
	Second best	20 00
	Third best	10 00
8	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 3—Devons.

9	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
10	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
11	Best Steer or Spayed Heifer 1 and under 2 years	$30 00
	Second best	20 00
	Third best	10 00
12	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 4—Aberdeen-Angus or Galloways.

13	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
14	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
15	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
16	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 5—Holstein-Friesian.

17	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
18	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
19	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
20	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 6—Grades or Crosses.

21	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	10 00
	Third best	10 00
22	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
23	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
24	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 7—Range Cattle.

25	Best Steer or Spayed Cow 3 and under 4 years	$30 00
	Second best	20 00
	Third best	10 00
26	Best Steer or Spayed Heifer 2 and under 3 years	30 00
	Second best	20 00
	Third best	10 00
27	Best Steer or Spayed Heifer 1 and under 2 years	30 00
	Second best	20 00
	Third best	10 00
28	Best Steer or Spayed Heifer under 1 year old	30 00
	Second best	20 00
	Third best	10 00

Lot 8—All Breeds and Grades by Ages.

29	Best Steer or Spayed Cow 3 and under 4 years	$50 00
30	Best Steer or Spayed Heifer 2 and under 3 years	50 00
31	Best Steer or Spayed Heifer 1 and under 2 years	50 00
32	Best Steer or Spayed Heifer under 1 year old	50 00

Lot 9—Sweepstakes.

33	Best animal shown in Lot 1. Short-Horns	$75 00
34	Best animal shown in Lot 2, Herefords	75 00
35	Best animal shown in Lot 3, Devons.	75 00
36	Best animal shown in Lot 4, Aberdeen-Angus or Galloways	75 00
37	Best animal shown in Lot 5, Holstein-Friesians	75 00
38	Best animal shown in Lot 6, Grades or Crosses	75 00
39	Best animal shown in Lot 7, Range Cattle	75 00

Lot 10—Grand Sweepstakes.

40	Best Steer, Cow or Spayed Heifer in the Show	$100 00

Lot 11—Pen of Cattle.

41	Best 5 Steers or Spayed Cows 3 and under 4 years	$150 00
	Second best	75 00
42	Best 5 Steers or Spayed Heifers 2 and under 3 years	$150 00
	Second best	75 00
43	Best 5 Steers or Spayed Heifers 1 and under 2 years	150 00
	Second best	75 00
44	Best 5 Steers or Spayed Heifers under 1 year	150 00
	Second best	75 00

Lot 12—Dressed Carcass.

45	Best Carcass of Steer or Spayed Cow 3 and under 4 years	$75 00
46	Best Carcass of Steer or Spayed Heifer 2 and under 3 years	75 00
47	Best Carcass of Steer or Spayed Heifer 1 and under 2 years	75 00

Lot 13—Carcass Prizes.

48	Carcass furnishing the largest per cent. of edible meat	$75 00
49	Carcass furnishing the largest per cent. of net to gross weight.	75 00

Lot 14—Dressed Carcass—Sweepstakes.

Only animals awarded first prizes in Lot 12 will be entitled to compete in this Lot.

50	Best Carcass of Steer or Spayed Heifer of any age	$100 00

Lot 15—Heaviest Fat Steer.

Open to all ages.

51	First premium	$75 00
	Second premium	50 00
	Third premium	25 00

Lot 16—Gain Per Day.

Steer or Spayed Heifer showing the greatest average gain per day, including weight at birth.

52	Best Steer or Spayed Cow 3 and under 4 years	$50 00
	Second best	25 00
53	Best Steer or Spayed Heifer 2 and under 3 years	50 00
	Second best	25 00
54	Best Steer or Spayed Heifer 1 and under 2 years	50 00
	Second best	25 00
55	Best Steer or Spayed Heifer under 1 year old	50 00
	Second best	25 00

Lot 17—Cost of Production.

Entries to be made on prescribed form and verified by affidavit.

56	Best Steer or Spayed Cow 3 and under 4 years	$65 00
	Second best	35 00
57	Best Steer or Spayed Heifer 2 and under 3 years	65 00
	Second best	35 00
58	Best Steer or Spayed Heifer 1 and under 2 years	65 00
	Second best	35 00
59	Best Steer or Spayed Heifer under 1 year old	65 00
	Second best	35 00

DAIRY BREEDS—CATTLE.

JOHN P. REYNOLDS, SUPERINTENDENT.

Lot 18—Holstein-Friesian.

60	Best Bull 3 years old or over	$125 00
61	Best Cow 3 years old or over	100 00
	Second best	50 00
	Third best	25 00

Lot 19—Ayrshires.

62	Best Bull 3 years old or over	$125 00
63	Best Cow 3 years old or over	100 00
	Second best	50 00
	Third best	25 00

Lot 20—Jerseys.

64	Best Bull 3 years old or over	$125 00
65	Best Cow 3 years old or over	100 00
	Second best	50 00
	Third best	25 00

Lot 11—Other Pure Dairy Breeds.

66	Best Bull 3 years old or over	$50 00
67	Best Cow 3 years old or over	50 00

COST OF PRODUCTION.

Form of Application for Entry.

Secretary State Board of Agriculture:

I hereby make application to enter the following described animal in Lot 17—Cost of Production—and give items of cost and other particulars below:

Name....., P. O..... .....

PEDIGREE.

Name.....
Herd Book No..... Color, etc .....
Date of Birth.....
Bred by..... of.....
Got by.....
1 dam..... " .....
2 dam..... " .....
3 dam..... " .....

COST OF PRODUCTION—FIRST YEAR.

Weight of animal at 12 months of age..... lbs.

Value of calf at birth	$...
Quantity and value of milk consumed. No. of galls.....price per gall... ..	....
*Quantity and value of grain, meal and feed of each kind other than hay, forage and pasturage, consumed during the first twelve months, as follows:	
.....lbs. of.....@.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage (except pasture) consumed first twelve mos., as follows:	
.....lbs. of.....@.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
..... " .....@..... "	....
‡Value of grass consumed in pastures up to 12 months of age.	....
Expense for care, feeding, salting, etc., up to 12 months of age	....
§Other expenses for food, etc., up to 12 months of age not named above, as follows:	
....	....
Total cost of production up to 12 months of age	....

Value of animal at 12 months of age, $.....
What kinds and how much other food than milk and pasturage was given to the calf daily while sucking?.....
At what age was the calf weaned? .....
Was the calf allowed to run with dam until weaned?.....
Is a daily allowance of grain for yearling steers, when on grass, profitable?.. .....

COST OF PRODUCTION—SECOND YEAR.

ANIMAL ONE AND UNDER TWO YEARS OLD.

Weight of animal at 12 months of age..... lbs.

Value of animal at 12 months of age	$...
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age to November 10, 1885, as follows:	
.....lbs. of..... @.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
..... " .....@..... "	....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 12 months of age up to 24 months of age, as follows:	
.....lbs. of.....@ .....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to November 10, 1885, as follows:	
.....lbs. of..... @.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to 24 months of age, as follows:	
.....lbs. of.....@.....per 100 lbs.	....
..... " .....@..... "	....
..... " .....@..... "	....

‡Value of grass consumed in pasture from 12 months of age to November 10, 1885.....
‡Value of grass consumed in pasture from 12 months of age to 24 months of age.....
Expense for care, feeding, salting, etc., from 12 months of age to November 10, 1885.....
Expense for care, feeding, salting, etc., from 12 months of age to 24 months of age.....
§Other expenses for food, etc., not named above, from 12 months of age to November 10, 1885, as follows:
.....
§Other expenses for food, etc., not named above, from 12 months of age up to 24 months of age, as follows:
.....

Total cost of production from 12 months of age to November 10, 1885 .....
Total cost of production from 12 months of age up to 24 months of age.....
Weight of animal Nov. 10, 1886. .....lbs.
Weight of animal at 24 months .....lbs.
Value of animal Nov. 10, 1885, $6 per 100
Value of animal at 24 months, $6 per 100

REMARKS.

Was the animal stabled or sheltered during the winter?.....
Was the animal allowed range of pasture during the winter?.....
Daily allowance of grain?.....

COST OF PRODUCTION—THIRD YEAR.

ANIMAL TWO AND UNDER THREE YEARS OF AGE.

Weight of animal at 24 months of age..... lbs.

Value of animal at 24 months of age.... $...
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age to November 10, 1885, as follows:
.....lbs. of..... @.....per 100 lbs.
..... " ..... @..... "
..... " ..... @..... "
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age up to 36 months of age:
.....lbs. of..... @ .....per 100 lbs.
..... " ..... @..... "
..... " ..... @..... "
†Quantity, kind and value of hay and other forage, except pasturage, consumed from 24 months of age up to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " ..... @..... "
†Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to 36 months of age:
..... lbs. of.....@.....per 100 lbs.
..... " ..... @..... "
..... " ..... @..... "
‡Value of grass consumed in pasture from 24 months of age to November 10, 1885.....

‡Value of grass consumed in pasture from 24 months of age up to 36 months of age.....
Expense for care, feeding, salting, etc., from 24 months of age to November 10 1885 .....
Expense for care, feeding, salting, etc., from 24 months of age up to 36 months of age.....
§Other expenses not named above, from 24 months of age to November 10, 1885, as follows:
.....
§Other expenses not named above, from 24 months of age up to 36 months of age, as follows:
.....

Total cost of production from 24 months of age to November 10, 1885.....
§Total cost of production from 24 months of age up to 36 months of age.....
Weight of animal Nov. 10, 1885 .....
Weight of animal 36 months of age.....
Value of ainmal Nov. 10, 1885....$6 per 100
Value of animal 36 mos. of age, $6 per 100

REMARKS.

Was the animal stabled or sheltered during the winter? .....
Was the animal allowed range of pasture during the winter? .....
Daily allowance of grain? .....

COST OF PRODUCTION FOR PART OF FOURTH YEAR.

ANIMAL THREE AND UNDER FOUR YEARS.

Weight of animal at 36 months of age..... lbs.

Value of animal at 36 months of age, at $6 per 100.....
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 36 months of age to November 10, 1885, as follows:
.....lbs. of.....@.....per 100 lbs.
..... " ..... @..... "
..... " .....@..... "
†Quantity and value of hay and other forage, except pasture, consumed from 36 months of age to November 10, 1885.....
.....lbs. of.....@.....per 100 lbs.
..... " .....@..... "
..... " ..... @..... "
‡Value of grass consumed in pasture from 36 months of age to November 10, 1885.....
Expense for care, feeding, salting, etc., from 36 months of age to November 10, 1885.....
§Other expenses not named above, from 36 months of age to November 10, 1885, as follows:
.....

Total cost of production from 36 months of age to November 10, 1885 .....
Weight of animal Nov. 10, 1885.....lbs.
Value of animal Nov. 10, 1885...$6 per 100

REMARKS.

Was the animal stabled or sheltered during winter?

.....

Was the animal allowed range of pasture during winter?

.....

Daily allowance of grain?

.....

RECAPITULATION.

Cost of production—	
At 12 months of age	$...
November 10, 1885 (steer 1 and under 2)	....
At 24 months of age	....
November 10, 1885 (steer 2 and under 3)	....
At 36 months of age	....
November 10, 1885 (steer 3 and under 4)	....
Total	$...

On this.....day of November, 1885, personally appeared before me....., who, being duly sworn, says that the above statement is true.

[SEAL] .....N. P.

* State, separately, amount of corn, oats, linseed or other meal, grain, roots, etc., whether ground, steamed or otherwise specially prepared; price of each per 100 pounds.

† State, separately, amount of timothy, clover, millet, prairie or other hay, and price of each per ton; also whether cut or otherwise specially prepared.

‡ State kind of pasture—blue grass, timothy, clover, or otherwise.

§ Specify kind, amount and value of each of the several kinds of food.

Blanks for Cost of Production furnished on application.

CLASS B—HORSES.

E. C. LEWIS, SUPERINTENDENT LIGHT HORSES.

DAVID GORE, SUPERINTENDENT DRAFT HORSES.

The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885.

The exhibition of horses, and the admission of live stock for exhibition only or for sale, will be, if at all, only to the extent of the space at the disposition of the Committee of Arrangements, without limiting or incommoding the exhibition of fat or dairy stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1885, after the close of the entries of competing animals.

ENTRIES.

1. Must be made on or before November 1, by application to the Secretary at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with description of animal offered.

2. In all classes authentic pedigrees must be furnished.

3. The following fee will be charged, and must accompany application for entries: For each horse, $2.00.

4. Each exhibitor must purchase an exhibitor's ticken ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket.

No exhibitor will be permitted to show more than ten horses, unless additional stalls are constructed and at the disposal of the Superintendent of Stalls.

See list of special premiums for horses, published elsewhere.

CLASS C—SHEEP.

D. W. VITTUM, JR., SUPERINTENDENT.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building; or, if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify the exhibitor's name and address, with age and description of the animal offered.

3. The fee for each sheep will be $1.00, and must accompany the application for entry Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for the entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used fot breeding purposes, and animals whose fleeces have been artificially colored, will be excluded from competition.

5. All statements of fact required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 25, 26, 27, 28, 29, 30, 31 and 32 are entitled to compete in the sweepstakes ring, Lot 35, and only animals awarded sweepstakes prizes in Lot 35, or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize in Lot 36. Animals awarded sweepstakes prizes in Lot 35, and the Grand Sweepstakes prize in Lot 36, will be slaughtered in competition for the prizes in Lot 39. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 37, Heaviest Fat Sheep, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot without consultation. The awarding committee shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium, also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 39—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly under his direction. Animals not so entered, and which may by Rule 6 be eligible to compete for the prize in Lot 36, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

MIDDLE WOOLS.

Lot 25—Southdown.

77	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
78	Best Wether 1 and under 2 years.	25 00
	Second best	15 00
	Third best	10 00
79	Best Wether under one year	25 00
	Second best	15 00
	Third best	10 00

Lot 26—Shropshire.

80	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
81	Best Wether 1 and under 2 years.	25 00
	Second best	15 00
	Third best	10 00
82	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 27—Hampshire.

83	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
84	Best Wether 1 and under 2 years.	$25 00
	Second best	15 00
	Third best	10 00
85	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 28—Oxford.

86	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
87	Best Wether 1 and under 2 years.	25 00
	Second best	15 00
	Third best	10 00
88	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 29—Cotswold.

89	Best Wether over 2 years old	$25 00
	Second best	15 00
	Third best	10 00
90	Best Wether 1 and under 2 years.	25 00
	Second best	15 00
	Third best	10 00
91	Best Wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

Lot 30—Leicester.

92 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
93 Best Wether 1 and under 2 years. 25 00
Second best..... 15 00
Third best..... 10 00
94 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 31—Lincoln.

95 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
96 Best Wether 1 and under 2 years. 25 00
Second best..... 15 00
Third best..... 10 00
97 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 32—Grades or Crosses.

98 Best Wether over 2 years old.....$25 00
Second best..... 15 00
Third best..... 10 00
99 Best Wether 1 and under 2 years. 25 00
Second best..... 15 00
Third best..... 10 00
100 Best Wether under 1 year..... 25 00
Second best..... 15 00
Third best..... 10 00

Lot 33—Pure-Bred Middle Wools, by Ages.

101 Best Wether over 2 years old.....$50 00
102 Best Wether 1 and under 2 years. 50 00
103 Best Wether under 1 year old..... 25 00

Lot 34—Pure-Bred Long Wools, by Ages.

104 Best Wether over 2 years old $50 00
105 Best Wether 1 and under 2 years. 50 00
106 Best Wether under 1 year..... 25 00

Lot 35—Sweepstakes.

107 Best Wether over 2 years old.....$50 00
108 Best Wether 1 and under 2 years. 50 00
109 Best Wether under 1 year..... 25 00

Lot 36—Grand Sweepstakes.

110 Best Wether in Show $50 00

Lot 37—Heaviest Fat Sheep.

Open to all.

111 Heaviest Wether, any age.....$25 00

Lot 38—Pen Wethers.

112 Best 5 fat Wethers 2 and under 3..$50 00
113 Best 5 fat Wethers under 2 years.. 50 00

Lot 39—Dressed Carcass.

Not less than two entries shall be considered in each ring.

114 Best Carcass Wether over 2 years old.....$25 00
115 Best Carcass Wether 1 and under 2 years..... 25 00
116 Best Carcass Wether under 1 year. 25 00

Lot 40—Dressed Carcass—Sweepstakes.

117 Best Carcass Wether any age $25 00

Lot 41—Gain per Day.

118 Wether showing greatest average gain per day, including weight at birth. Entries to be accompanied by affidavit, giving exact age. $50 00

Lot 42—Cost of Production.

Entries to be made on the prescribed form and verified by affidavit.

119 Wether over 2 years old, produced at the least cost per pound live weight.....$50 00

CLASS D—SWINE.

E. B. DAVID, Superintendent.

1. The Exposition Building will be open for the reception of stock on Monday, the 9th day of November, 1885. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 9, 1885, in order that they may be weighed, numbered and catalogued previous to the opening of the Show. Vicious animals will not be admitted to the building, or, if admitted, will be removed.

2. Entries must be made on or before November 1, 1885, by application to the Secretary at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of animal offered.

3. The fee for each hog will be $1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries, in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes recorded pedigrees, or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 43, 44, 45, 46, 47, 48, 49 and 50 are entitled to compete in the sweepstakes rings, Lot 52, and only animals awarded sweepstakes prizes in Lot 52, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 53. Animals awarded sweepstakes prizes in Lot 52, and the grand sweepstakes prize in Lot 53, will be slaughtered in competition for prizes in Lot 56. All other animals are eligible, at the option of their owners, to compete in the slaughter rings.

7. Animals competing for premiums in Lot 54, Heaviest Fat Hog, will be kept off of feed and water twelve hours before making the award by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committee shall consist of three judges, two of whom, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or pens voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lot 56, Carcasses, will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 53, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass to remain the property of the exhibitor, and will be at owner's risk as to condition. The offal to be sold to the highest bidder, and the proceeds paid to the respective owners.

12. Premium animals only will be measured.

Lot 43—Berkshire.

120	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
121	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 44—Poland-China.

22	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
123	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 45—Chester White.

24	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
125	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 46—Essex.

126	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
127	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 47—Duroc Jersey Red.

128	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
129	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 48—Yorkshire and Suffolk.

130	Best Barrow 12 and under 18 months	$20 00
	Second best	15 00
	Third best	10 00
131	Best Barrow under 1 year	20 00
	Second best	15 00
	Third best	10 00

Lot 49—Victoria.

132 Best Barrow 12 and under 18 months $20 00
Second best..... 15 00
Third best 10 00
133 Best Barrow under 1 year 20 00
Second best..... 15 00
Third best..... 10 00

Lot 50—Grades or Crosses.

134 Best Barrow 12 and under 18 months $20 00
Second best..... 15 00
Third best 10 00
135 Best Barrow under 1 year 20 00
Second best..... 15 00
Third best..... 10 00

Lot 51—All Breeds and Grades by Ages.

136 Best Barrow 12 and under 18 months $25 00
137 Best Barrow under 1 year 25 00

Lot 52—Sweepstakes.

138 Best Barrow shown in Lot 43—Berkshire $25 00
139 Best Barrow shown in Lot 44—Poland-China..... 25 00
140 Best Barrow shown in Lot 45—Chester White 25 00
141 Best Barrow shown in Lot 46—Essex..... 25 00
142 Best Barrow shown in Lot 47—Duroc Jersey Red 25 00
143 Best Barrow shown in Lot 48—Yorkshire and Suffolk 25 00
144 Best Barrow shown in Lot 49—Victoria 25 00
145 Best Barrow shown in Lot 50—Grades or Crosses..... 25 00

Lot 53—Grand Sweepstakes.

146 Best Barrow in the Show..... $50 00

Lot 54—Heaviest Fat Hog.

Open to all.

147 Heaviest Barrow of any age $25 00

Lot 55—Pen Barrows.

148 Best 5 fat Barrows 12 and under 18 months. $75 00
149 Best 5 fat Barrows under 1 year .. 75 00

Lot 56—Dressed Carcass.

Not less than two entries will be considered in each ring.

150 Best Carcass of Barrow 12 and under 18 months..... $25 00
151 Best Carcass of Barrow under 1 year old.. ..... 25 00

Lot 57—Gain Per Day.

152 Barrow showing largest average gain per day, including weight at birth. Entries to be accompanied by affidavit giving exact age. $25 00

Lot 58—Cost of Production.

Entries to be made on the prescribed form, and verified by affidavit.

153 Barrow 12 and under 18 months, produced at the least cost per pound, live weight $25 00

CLASS N—DAIRY DEPARTMENT.

E. E. CHESTER, Superintendent.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned. Entries must be made on or before November 1, 1885, by application to the Secretary, at Springfield, who will furnish necessary blanks.

2. No premiums will be offered for Dairy Utensils, but every facility afforded for exhibition.

3. Each exhibitor must purchase an exhibitor's ticket ($1.50) when applying for entries, a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete. Members of a competing firm may purchase exhibitor's tickets at $1.50 each. A complimentary ticket does not entitle the holder to compete for premiums.

4. Articles on exhibition cannot be removed until close of Show.

5. Awards will be made by an expert, with the following scale of points: Butter—Flavor 40, grain 30, color 15, salting 10, style of package 5; total 100. Cheese—Flavor 30, quality 30, texture 20, color 10, salting 10; total 100.

6. All statements of facts required of exhibitors must be in writing and forwarded with the application for entry.

7. Each entry in Lots 59, 60, 61 and 62 must be accompanied by a statement of time, place and mode of manufacture.

P. Moran & Co., 107 South Water street, Chicago; T. D. Randall & Co., 219 South Water street, Chicago, and others, will receive shipments of butter and cheese, place the same on exhibition, and at the close of the Show make such disposition of the same as the consignee may direct.

Lot 59—Butter.

154 Best two packages of not less than 50 pounds each of Creamery Butter made in May or June...$25 00
Second best..... 15 00
Third best..... 10 00
155 Best two packages of not less than 50 pounds each of Creamery Butter made at any time..... 25 00
Second best..... 15 00
Third best..... 10 00
156 Best package of not less than 20 pounds Dairy Butter made at any time 25 00
Second best..... 15 00
Third best 10 00
157 Best five prints or rolls of not more than one pound each..... 15 00
Second best..... 10 00
158 Best sample Granulated Butter shown in glass..... 10 00
Second best..... 5 00
159 Best sample of Butter of not less than five pounds made from the milk of one cow..... 10 00
Second best 5 00
160 Best exhibit of Fancy Print Butter in shipping case for home market..... 10 00
Second best 5 00

Best sample of not less than five pounds of Butter made from the milk of one recorded cow of each of the following breeds:

161 Jersey Butter..... $5 00
162 Guernsey Butter..... 5 00
163 Ayrshire Butter..... 5 00
164 Holstein or Friesian Butter..... 5 00
165 Devon Butter..... 5 00
166 Short-Horn Butter..... 5 00
167 Hereford Butter..... 5 00
168 Angus or Galloway Butter..... 5 00
169 Best sample Milk (from one recorded cow of any of the above named breeds) produced in 24 hours, from which the greatest amount of butter is obtained... 10 00
Second best 5 00
170 Best 10 pounds of Butter made in the Exposition Building during the Show..... 10 00
Second best..... 5 00
171 Best packages of Butter of not less than 50 pounds, the premium to be divided *pro rata* among all the entries scoring 85 or more points, in proportion to the amount each may score 200 00
172 Best and largest display of Butter by one manufacturer 50 00
173 Best package of Butter of not less than 50 pounds..... 50 00

Lot 60. Special Prizes offered by Citizens of Chicago.

Best package of Butter of not less than 50 pounds, made in each of the following States:

174 Package Butter made in Illinois..$10 00
175 Package Butter made in Indiana. 10 00
176 Package Butter made in Iowa.... 10 00
177 Package Butter made in Michigan 10 00
178 Package Butter made in Minnesota..... 10 00
179 Package Butter made in Wisconsin..... 10 00
180 Package Butter made in Nebraska 10 00
181 Package Butter made in Kansas . 10 00
182 Package Butter made in Ohio.... 10 00
183 Package Butter made in Canada or any State not named above.. 10 00
184 For best package of Butter of not less than 50 pounds, exhibited in Lot 60, Giles Bros., Jewelers, Chicago, offer a gold watch with dust-proof and anti-magnetic case, value.....$100 00

Lot 61—Cheese.

185 Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made in May or June $25 00
Second best..... 15 00
Third best..... 10 00
186 Best three cases of Cheese, Cheddar shape, of not less than 40 pounds each, made at any time 25 00
Second best..... 15 00
Third best..... 10 00
187 Best three cases of Cheese, flat, of not less than 30 pounds each, made at any time..... 25 00
Second best..... 15 00
Third best..... 10 00
188 Best case Young America Cheese 15 00
Second best..... 10 00
189 Best 20 pounds Limburger Cheese in foil..... 15 00
Second best 10 00
190 Best case Switzer Cheese..... 15 00
Second best..... 10 00
191 Best case Full Cream Cheese, any other variety, American manufacture..... 15 00
Second best..... 10 00
192 Best and largest display of Cheese by one manufacturer 50 00
193 Best three cases of Cheese, the premium to be divided *pro rata* among all the entries scoring 85 or more points, in proportion to the amount each may score.200 00
194 Best lot Cheese, not less than 50 pounds..... 50 00
195 Best and largest display of Butter and Cheese by a dealer 50 00

Lot 62—Special Prizes offered by Citizens of Chicago.

Best lot of Cheese of not less than 50 pounds, made in each of the following States:

196 Cheese made in Illinois.....$10 00
197 Cheese made in Indiana 10 00
198 Cheese made in Iowa 10 00
199 Cheese made in Michigan..... 10 00
200 Cheese made in Minnesota..... 10 00
201 Cheese made in Wisconsin. 10 00
202 Cheese made in Nebraska..... 10 00
203 Cheese made in Kansas. 10 00
204 Cheese made in Ohio 10 00
205 Cheese made in Canada or any State not named above..... 10 00
206 For best lot of Cheese of not less than 50 pounds, exhibited in Lot 62, the Victor Grinding Mill Co., of Chicago, offer a Victor Grinding Mill with horse-power, value 75 00

DAIRY IMPLEMENTS.

Lot 63—Butter-making Utensils.

207 Revolving Churn.
208 Churn with Masher or Float.
209 Factory Churn.
210 Power Butter-worker.
211 Butter-worker for Farm Dairies.

212 Butter Tray and Board.
213 Butter Ladle.
214 Butter Mold.
215 Butter Stamp.
216 Butter Printer.
217 Best general display of Utensils for Butter-making.... .....Diploma

Lot 64 — Cheese-making Utensils.

218 Cheese Press.
219 Cheese Vat.
220 Curd Mill.
221 Currying Can.
222 Set of Scales.
223 Milk Pail.
224 Machine for making Cheese Boxes.
225 Tin or Metal Cans for Dairy Use.
226 Best general display of Utensils for Cheese-making.....Diploma

Lot 65 — Cream-raising Utensils.

227 Cans for gathered Cream.
228 Carrying-Can for Cream.
229 Display Cans or Creamers for Dairy use.
230 Display Cream Extractors.. .....S. M.

Lot 66—Machinery for Dairy Use.

231 Best display Engine and Boiler, complete.....Dip.
232 Engines.
233 Boilers.
234 Horse Powers.
235 Dog or Animal Powers.
236 Wagon or Device for transporting Cream from Farm to the Creamery.
237 Device for attaching Wind-Mill to the Churn.
238 Motor for Dairy or Creamery use.

Lot 67—Butter and Cheese Packages.

239 Display Butter Tubs.
240 Display Firkins and Half-Firkins.
241 Display Butter Pails.
242 Display Butter Tubs, other than oak, ash or spruce.
243 Display Shipping Boxes for Print Butter.
244 Display Cheese Boxes.
245 Display Fancy Packages,
246 Display Metal Packages.
247 Display Shipping Cans for Print Butter.
248 Display Refrigerators for storing Butter.
249 Display of Butter Color.
250 Best Refrigerator Car.....Dip.
251 Most artistic display of Dairy Salt.Dip.

SPECIAL PREMIUMS

FOR THE

AMERICAN FAT STOCK AND DAIRY SHOW FOR 1885.

CLASS A—CATTLE.

Lot 2—Hereford.

The American Hereford Cattle Breeders' Association will duplicate premiums awarded pure bred Hereford and Grade Hereford cattle exhibited at the Eighth American Fat Stock and Dairy Show, and in addition offer the following:

BREEDERS' RING.

Bred and owned by exhibitor.

Best Hereford Steer or Spayed Heifer 3 and under 4	$30 00
Second best	20 00
Third best	10 00
Best Hereford Steer or Spayed Heifer 2 and under 3	30 00
Second best	20 00
Third best	10 00
Best Hereford Steer or Spayed Heifer 1 and under 2	30 00
Second best	20 00
Third best	10 00

GRADES BY HEREFORD BULL.

Best Grade Steer or Spayed Heifer 3 and under 4	$30 00
Second best	20 00
Third best	10 00
Best Grade Steer or Spayed Heifer 2 and under 3	30 00
Second best	20 00
Third best	10 00
Best Grade Steer or Spayed Heifer 1 and under 2	30 00
Second best	20 00
Third best	10 00

Lot 4—Aberdeen-Angus.

The American Aberdeen-Angus Association will duplicate premiums awarded Aberdeen cattle or their Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 5—Holstein-Friesian.

The Holstein-Friesian Association of America will duplicate premiums awarded pure-bred Holstein-Friesian cattle or Holstein-Friesian Grades exhibited at the Eighth American Fat Stock and Dairy Show.

Lot 8—All Breeds and Grades, by Ages.

Best Steer or Spayed Cow 3 and under 4 years, the W. W. Kimball Company, Chicago, offer Parlor Organ, valued at $275 00

Best Steer or Spayed Heifer 2 and under 3 years, Fairbanks, Morse & Co., Chicago, offer one Four-ton Scale with Double Beam and Weigh Box, valued at..... 170 00

Best Steer or Spayed Heifer 1 and under 2 years, H. C. Staver Implement Co., Chicago, offer a New Buckeye Feed Mill, valued at 80 00

Best Steer or Spayed Heifer under 1 year, G. D. Colton & Co., Galesburg, Ill., offer a Colton's "New Deal" Rotary Corn Planter and Check Rower combined, value 70 00

Lot 9—Sweepstakes.

Thorley Food Company, 39 Franklin street, Chicago, offer premiums as follows:

Best animal shown in Lot 1, Short-Horns, 50 pounds Thorley Food, value..... $7 50

Best animal shown in Lot 2, Herefords, 50 pounds Thorley Food, value 7 50

Best animal shown in Lot 3, Devons, 50 pounds Thorley Food, value..... 7 50

Best animal shown in Lot 4, Aberdeen-Angus or Galloway, 50 pounds Thorley Food, value 7 50

Best animal shown in Lot 5, Holstein-Friesian, 50 pounds Thorley Food, value..... 7 50

Best animal shown in Lot 6, Grades or Crosses, 50 pounds Thorley Food, value..... 7 50

Best animal shown in Lot 7, Range Cattle, 50 pounds Thorley Food, value 7 50

The Polled Cattle Society of North Britain offer for the best Steer, Spayed Cow or Heifer, of the Aberdeen-Angus breed, exhibited at the American Fat Stock and Dairy Show of 1885, a gold medal of £10. Value 50 00

E. A. Porter & Bros, Bowling Green, Ky., offer for the best animal shown in Lot 1, Short-Horns, a Porter Corn Crusher, value..... 75 00

The Belle City Manufacturing Co., Racine, Wis., offer for the best animal shown in Lot 2, Herefords, a No. 3 Belle City Power Feed Cutter, value..... 65 00

The Appleton Manufacturing Co., Appleton, Wis., offer for the best animal shown in Lot 4, Aberdeen-Angus, a Power Feed Mill with Sacker, value 110 00

A. Ortmayer & Son, Chicago, offer for the best animal shown in Lot 6, Grades and Crosses, a Cowboy Roping Saddle, complete, value 50 00

Lot 10—Grand Sweepstakes.

Best Steer or Cow in the Show, bred and raised by exhibitor, J. H. Sanders & Co., of Chicago, offer the *Breeders' Gazette* Challenge Gold Medal, valued at..... $125 00

This medal to be won two years in succession or any three years by the same person before it becomes his absolute property.

Lot 11—Pen of Cattle.

Best five Steers or Spayed Cows 3 and under 4 years, Marshall Field & Co., Chicago, cash $100 00

Best five Steers or Spayed Heifers 2 and under 3 years, Marshall Field & Co., Chicago, cash..... 100 00

Best five Steers or Spayed Heifers 1 and under 2 years, Marshall Field & Co., Chicago, cash..... 100 00

E. W. Blatchford & Co., of Chicago, offer for the best five Steers or Spayed Heifers, of any age or breed, exhibited at the American Fat Stock and Dairy Show of 1885..... 50 00

Lot 12—Dressed Carcass.

Thorley Food Company, 39 Franklin street, Chicago, offer premiums as follows:

Best Carcass of Steer or Spayed Cow 3 and under 4 years, 50 pounds Thorley Food, value $7 50

Best Carcass of Steer or Spayed Heifer 2 and under 3 years, 50 pounds Thorley Food, value 7 50

Best Carcass of Steer or Spayed Heifer 1 and under 2 years, 50 pounds Thorley Food, value 7 50

Best 5 pounds Butter, Short-Horn Cow, 25 pounds Thorley Food, value $4 00

Best 5 pounds Butter, Hereford Cow, 25 pounds Thorley Food, value 4 00

Best 5 pounds Butter, Angus Cow, 25 pounds Thorley Food, value 4 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer, for the manufacturer: For best package of not less than 20 pounds Dairy Butter, made at any time, one Lever Butter-Worker, made by H. H. Palmer & Co., of Rockford, Ill., value 5 00

Moseley's Pritchard Manufacturing Co., of Clinton, Iowa, offer for the best display of Granulated Butter made in farm dairy, Moseley's No. 6 Occident Creamery with Refrigerator combined, value $40.00. The application to be accompanied with plain and intelligent directions for making same, together with an essay on the advantages of making butter in granulated form.

E. W. Blatchford & Co., of Chicago, offer for the Best Sample Milk from one recorded cow, produced in 24 hours, from which the greatest amount of Butter is obtained, one ton Blatchford's Royal Stock Food, valued at $27 50

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer: For best 5 pounds or rolls of Butter of not more than 1 pound each, one Nesbit Butter Printing Machine, made by the Vermont Farm Machine Company, Bellows Falls, Vt., value 6 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for Best Sample Granulated Butter shown in glass, one No. 2 Boss Churn, made by H. H. Palmer & Co., Rockford, Ill., value 7 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer, for the manufacturer: For Best Sample of Butter of not less than 5 pounds, made from the milk of one cow, one No. 3 Davis Swing Churn, made by the Vermont Farm Machine Co., Bellows Falls, Vt., value 10 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer, for the manufacturer: For Best exhibit of Fancy Print Butter in shipping case for home market, one Crowell Thermometer Churn, made by the Ames Plow Co., Boston, Mass., value 8 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan st., Chicago, offer for the manufacturer: For largest and best display of Butter by one manufacturer, Butter and Cheese Color, made at Hansen's Laboratory, Little Falls, N. Y., value 25 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for best tub of Creamery Butter of not less than 50 pounds, made with churn and butter-worker of their make, 300-gallon Curtis Factory Churn, value 40 00

Cornish, Curtis & Green, manufacturers of Dairy Goods, Fort Atkinson, Wis., offer for the Best tub of Farm-made Butter of not less than 20 pounds, made with a Rectangular Churn, the following:

No. 3 Rectangular Churn	$9 00
No. 1 Lever Butter-worker	6 50
One Butter Tray	3 00
Two Spoon Ladles	50
One Thermometer	50
One Butter Mold	50
	$20 00

Lot 60—Butter State Exhibit.

The Iowa Dairymen's Association offer for the best tub of Butter of not less than 50 pounds, made in Iowa, cash prize $50 00

The Illinois Dairymen's Association offer for the best tub of Butter of not less than 50 pounds, made in Illinois, cash prize 50 00

The Minnesota Dairymen's Association offer for the best tub of Butter of not less than 50 pounds, made in Minnesota, cash prize 50 00

Lot 61—Cheese.

Charles P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer for the manufacturer: For best lot of Cheese of not less than 50 pounds, made in Illinois, one Anderson Steamer, made by Haxtum Steam Heater Co., Kewanee, Ill., value $55 00

Charles P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer for the manufacturer: For best display of Cheese by one manufacturer, Butter or Cheese Color made by Wells and Richardson, Burlington, Vt., value 25 00

Charles P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer for the manufacturer: For best lot of Cheese of not less than 50 pounds, five sacks Higgin's Eureka Salt, made by the Higgin Eureka Salt Co., Liverpool, England, value 13 00

Drake, Parker & Co., of the Grand Pacific Hotel, offer for the best lot of Cheese, not less than 50 pounds, the cheese to be the property of Drake, Parker & Co., cash prize..... $50 00

Potter Palmer, of the Palmer House, Chicago, offers for the best lot of Creamery Cheese of not less than 50 pounds, cash..... 50 00

J. C. Vaughan, Seedsman, 42 LaSalle street, Chicago, offers for the best lot of Cheese, not less than 50 pounds, No. 2 New England Root Cutter, value..... 14 00

Lot 62—Cheese—State Exhibit.

The Illinois Dairymen's Association offer for the best lot of three Cheeses, not less than 50 pounds, made in Illinois, cash prize $50 00

DONATIONS.

The following cash subscriptions have been made in Chicago to the General Premium Fund of the Fat Stock and Dairy Show for 1885:

Union Stock Yards and Transit Co., John B. Sherman, Manager	$3,000
Chicago Board of Trade	500
Grand Pacific Hotel, John B. Drake & Co., proprietors	250
Sherman House, J. Irving Pearce, proprietor	250
Palmer House, Palmer House Co., proprietors	100
Leland Hotel, Warren F. Leland, proprietor	50
Burke's Hotel	25
Clifton House, Woodcock & Funny, proprietors	25
Commercial Hotel, C. W. Dabb & Co., proprietors	25
McCoy Hotel, William McCoy, proprietor	25
Windsor European Hotel, 145 Dearborn street, Samuel Gregsten, proprietor	25
Brevoort House, 143 Madison street, Benjamin & Wentworth, proprietors	25
Tremont House, John A. Rice & Co., proprietors	25
Armour & Co	100
M. McDonald	100
E. J. Lehmann	50
Charles P. Willard & Co	50
L. Adams & Co	25
A. H. Blackall	10
N. Matson & Co	10
Schlesinger & Mayer	10
S. Shick	10

Best 5 pounds Butter, Short-Horn Cow, 25 pounds Thorley Food, value $4 00

Best 5 pounds Butter, Hereford Cow, 25 pounds Thorley Food, value 4 00

Best 5 pounds Butter, Angus Cow, 25 pounds Thorley Food, value 4 00

Chas. P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer, for the manufacturer: For best package of not less than 20 pounds Dairy Butter, made at any time, one Lever Butter-Worker, made by H. H. Palmer & Co., of Rockford, Ill., value 5 00

Moseley's Pritchard Manufacturing Co., of Clinton, Iowa, offer for the best display of Granulated Butter made in farm dairy, Moseley's No. 6 Occident Creamery with Refrigerator combined, value $40.00. The application to be accompanied with plain and intelligent directions for making same, together with an essay on the advantages of making butter in granulated form.

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One Thermometer	50
One Butter Mold	50
	$20 00

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The Illinois Dairymen's Association offer for the best tub of Butter of not less than 50 pounds, made in Illinois, cash prize 50 00

The Minnesota Dairymen's Association offer for the best tub of Butter of not less than 50 pounds, made in Minnesota, cash prize 50 00

Lot 61—Cheese.

Charles P. Willard & Co., dealers in General Dairy Supplies, 230 Michigan street, Chicago, offer for the manufacturer: For best lot of Cheese of not less than 50 pounds, made in Illinois, one Anderson Steamer, made by Haxtum Steam Heater Co., Kewanee, Ill., value $55 00

Charles P. Willard & Co., dealers in General Dairy Supplies, 280 Michigan street, Chicago, offer for the manufacturer: For best display of Cheese by one manufacturer, Butter or Cheese Color made by Wells and Richardson, Burlington, Vt., value 25 00

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J. C. Vaughan, Seedsman, 42 LaSalle street, Chicago, offers for the best lot of Cheese, not less than 50 pounds, No. 2 New England Root Cutter, value..... 14 00

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Burke's Hotel	25
Clifton House, Woodcock & Funny, proprietors	25
Commercial Hotel, C. W. Dabb & Co., proprietors	25
McCoy Hotel, William McCoy, proprietor	25
Windsor European Hotel, 145 Dearborn street, Samuel Gregsten, proprietor	25
Brevoort House, 143 Madison street, Benjamin & Wentworth, proprietors	25
Tremont House, John A. Rice & Co., proprietors	25
Armour & Co	100
M. McDonald	100
E. J. Lehmann	50
Charles P. Willard & Co	50
L. Adams & Co	25
A. H. Blackall	10
N. Matson & Co	10
Schlesinger & Mayer	10
S. Shick	10

SPECIAL PRIZES.

The following prizes have been offered since the publication of the Premium List of the American Fat Stock and Dairy Show:

The Chicago *Mail* offers a cash prize of Twenty Dollars for the best original essay or composition written by a newsboy on "What I Saw at the Fat Stock and Dairy Show." Essays must be sent to the Hon. Allan C. Rush, Sherman House, Chicago. The full name and address must be given, so that the identity of the writer can be established before the prize is awarded.

THE HATTON-SNOWDEN CO., by FRANK HATTON, *President.*

J. H. Sanders, Esq., of the Breeders' Gazette, of Chicago, offers a gold medal for the best Palace Live Stock Car for the transportation of horses, exhibited at the American Fat Stock and Dairy Show, to be held in Chicago, November 10-19, 1885.

Awards to be based on the following points:

1. General strength and durability of construction.

2. The adjustment of springs and brakes that assures the greatest comfort to animals when train is in motion, and most effectually prevents injury in starting and stopping.

3. Convenience in loading and unloading stock, and watering and feeding of stock in transit.

4. Facility in constructing single stalls into double and triple ones, in case of sickness or accident.

5. Economy of space.

6. Carrying capacity in numbers.

7. Perfection and convenience of ventilation.

A. M. Simmons, Esq., of Chicago, Illinois, offers a gold medal for the best Refrigerator Car for the transportation of beef and dairy products, exhibited at the American Fat Stock Show, held in Chicago, November 10-19, 1885.

Awards to be based on the following points:

1. A record of the longest continuous transit during the months of July or August, *without re-icing or use of salt*, of a car loaded with fresh beef or dairy products.

2. The least variation of temperature from time of loading the car with either dressed beef or dairy products, until the same was unloaded, *without re-icing or use of salt.*

RAILROAD ARRANGEMENTS

FOR THE

AMERICAN FAT STOCK AND DAIRY SHOW,

1885.

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† Chicago & Northwestern ‡ Chicago, Rock Island & Pacific ‡ Illinois Central * Chicago & Alton * Chicago, St. Louis & Western 1 Chicago, Milwaukee & St. Paul 2 Cincin., Indianapolis, St. Louis & Chicago § Louisville, New Albany & Chicago ¶ Wabash, St. Louis & Pacific Chicago, Burlington & Quincy Chicago & Iowa	Passengers one and one-third fare for the round trip. Will carry stock from stations on its line to Chicago at regular tariff rates, and refund one-third of the amount paid on presentation of Secretary's certificate that the stock has been on exhibition. Full rates will be charged on stock returned from Chicago to place of shipment.
Baltimore & Ohio Chicago & Atlantic Chicago & Eastern Illinois Chicago & Grand Trunk Chicago, St. Louis & Pittsburg Lake Shore & Michigan Southern Michigan Central New York, Chicago & St. Louis Pittsburg, Ft. Wayne & Chicago	Passengers one and one-third fare for the round trip. Freight will be charged full local tariff rate to Chicago, and must be prepaid, when it will be returned free to points whence shipped, on certificate of the Secretary that the same has been on exhibition, and has not changed ownership. Freight arrangement covers Cincinnati, Indianapolis, Louisville, and points a distance of 275 miles east of Chicago.

Record of proceedings Chicago Railroad Association, Passenger Department, meeting held Wednesday, September 15, 1885:

Resolved, That from points outside of the State of Illinois, tickets to Chicago and return may be sold at one and one-third fare, on account of the Fat Stock Show, on application, and that the Secretary of the Fat Stock Show be notified to this effect, in order that exhibitors may be notified that on application to the railroads this rate will be made. Tickets to be sold the two days immediately preceding the opening of the Show, and to be limited to two days beyond date on which Show closes.

Paid freight bills, with Secretary's certificate, should be presented to the railroads when applying for a rebate of freight.

These concessions are made upon the condition that the roads are released from any and all liabilities exceeding $50 per head in case of injury by accident or otherwise, while in transit, or awaiting shipment or delivery at the stations.

Owners or their agents must accompany the stock, and be responsible for it and its loading and unloading. All stock should be billed prepaid. The five dollars switching charges will be collected of the owner of the stock, at the Exposition Building.

TERMINAL CHARGES.

Stock over the Illinois Central Railroad will be delivered at the Exposition Building, and should be so billed.

Stock from all other roads should be shipped to the Exposition Building, care Illinois Central Railroad, Union Stock Yards. The charge per car stock from the Stock Yards to the Exposition Building, and returning same, or empty car, to Stock Yards, will be five dollars.

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* Arrangements cover points in Illinois only.
† Covers points in Illinois, Iowa, Wisconsin and Minnesota.
‡ Covers points in Illinois and Iowa.
¶ Certificates to be presented to C. L. Wellington, A. G. F. A., Chicago.
§ Except from Louisville, New Albany and Indianapolis.
1 Applications for refund to be made to C. L. Rising, 55 Clark street, Chicago.
2 Passenger rates cover Lafayette and stations north.

EXHIBITORS.

CLASS A—CATTLE.

(The figures denote the number of the entries of each exhibitor.)

SHORT-HORN—23 head.

Barclay, C. S , West Liberty, Ia 5
Elbert & Fall, Albia, Ia 16
Millar, William, Mattoon, Ill 161
Morrow & Renick, Clintonville, Ky 14, 13, 4, 3, 2, 1
Peak, J. R. & Son, Winchester 17, 11, 10, 9, 8, 7
Potts, J. H & Son, Jacksonville 6
Sherman, John B., Chicago 192, 191, 179
Snyder, William, Henry 162
Waddel, B., Marion, O 15
White, W. S., Sabetha, Kas 12

HEREFORD—16 head.

Earl, Adams, Lafayette, Ind 26
Fowler & Van Natta, Fowler, Ind 29
Hershey, B., Muscatine, Ia 30
Indiana Blooded Stock Co., Indianapolis, Ind 25, 24, 23, 22
Leigh, Geo. & Co., Aurora 32, 31, 28, 27
Swan Bros., Indianola, Ia 163
Swan and Bosler Land and Cattle Co., Indianola, Ia 21, 20, 19, 18

ABERDEEN-ANGUS—6 head.

Gudgell & Simpson, Independence, Mo 38, 37
Hill, James J., St. Paul, Minn 34, 33
Indiana Blooded Stock Co, Indianapolis, Ind 36, 35

HOLSTEIN—21 head.

Brown, George E. & Co., Aurora 214, 213, 212, 211, 210, 209, 208
Scott, Lucien, Leavenworth, Kas 39
Smiths, Powell & Lamb, Syracuse, N. Y 207, 206, 205, 204, 203, 202, 201, 198, 197
Wales, Thos. B., Jr., Iowa City, Ia 200, 199, 196, 40

WEST HIGHLANDER—1 head.

Sherman, John B., Chicago 193

SUSSEX—1 head.

Lea, Overton, Nashville, Tenn 188

JERSEY—7 head.

Bierer, E. H., Rockford 225
Davis, George F. & Co., Dyer, Ind 224
Johnson, Frank H. & Co., South Bend, Ind 228, 227, 226
Wadhams, Seth, Elmhurst 230, 229

AYRSHIRE—9 head.

Fairweather, Wm., McLane, Pa.....223,222, 217, 216
Stewart, John, Blackberry.....221, 220, 219, 218, 215

Cross-bred Cattle.

HEREFORD-SHORTHORN—1 head.

Earl, Adams, Lafayette, Ind.....111

HEREFORD-JERSEY—1 head.

Fowler & Van Natta, Fowler, Ind.....93

HEREFORD-WEST HIGHLANDER—1 head.

Sherman, John B., Chicago.....194

ANGUS-SHORTHORN—3 head.

Hill, Jas. J., St. Paul, Minn.....173, 172, 171

Grades.

GRADE SHORT-HORNS—75 head.

Barclay, C. S., West Liberty, Ia.....70
Elliott, Geo., Harristown.....41
Forbes Bros., Henry.....99, 98
Gillett, John D., Elkhart.....195, 184, 183, 174, 165, 164, 124, 123, 122, 85, 84, 83, 82, 81, 54, 53, 52
Gillett, John P., Elkhart.....177, 176, 175, 168, 167, 166, 89, 88, 87, 86, 56, 55
Hunt, T. W., Ashton, Ill.....104, 103
Morrow & Renick, Clintonville, Ky.....102, 101, 100, 69
Noyes, A. A., Steamboat Rock, Ia.....189
Peak, J. R. & Son, Winchester.....142, 141, 140, 139, 120, 119, 118, 117, 116, 80, 79
Potts, J. H. & Son, Jacksonville.....138, 115, 78, 77, 76, 75, 74, 73, 50, 49
Sherman, John B., Chicago.....190, 181, 180, 170, 169, 97, 96, 65, 63, 62
Waddel, B., Marion, O.....152, 132, 61
Willson, Frank, Jackson, Mich.....158

GRADE HEREFORDS—56 head.

Culbertson, C. M., Chicago.....46, 45, 44, 43, 42
Davis, Henry, Dyer, Ind.....148
Earl, Adams, Lafayette, Ind.....114, 113, 112, 110, 109, 48, 47
Fowler & Van Natta, Fowler, Ind.....178, 127, 126, 92, 91, 90, 58, 57
Funkhouser, Jas. J., Plattsburg, Mo.....157, 156, 155, 154, 153
Hershey, B., Muscatine, Ia.....151, 150, 95
Indiana Blooded Stock Co., Indianapolis, Ind.....186, 185, 135, 134, 133, 68
Price, J. R. & Son, Williamsville.....160, 159
Scott, Lucien, Leavenworth, Kas.....187, 60
Seabury & Sample, Lafayette, Ind.....182, 137, 136, 108, 107, 106, 105, 72
Sherman, John B., Chicago.....64
Stuart, Charles B., Lafayette, Ind.....71
Swan & Bosler Land and Cattle Co., Indianola, Ia.....147, 146, 145, 144, 143, 121, 51

GRADE HOLSTEINS—3 head.

Scott, Lucien, Leavenworth, Kansas.....130, 94, 59

GRADE ANGUS—6 head.

Estill, Wm. R., Estill, Mo.....149, 131
Estill and Elliott, Estill, Mo.....129, 128
Hill, Jas. J., St. Paul, Minn.....67, 66

CLASS B—HORSES.

NORMAN—35 head.

Bowles and Hadden, Janesville, Wis.....235, 234, 233, 232, 231
Degen Bros., Ottawa.....259, 245, 244, 243, 242, 241
Dillon Bros., Normal.....249, 248, 247, 246
Duncan, J. C., Normal.....240, 239, 238, 237, 236
Grant, David, Cedar Rapids, Ia.....253
Nagle, R. and Sons, Ottawa.....252, 251, 250
Perry, James A., Wilmington.....258, 257, 256, 255, 254
Virgin, John, Fairbury.....265, 264, 263, 262, 261, 260

CLYDESDALE—14 head.

Blair Bros. and Curry, Aurora.....269, 268
Galbraith Bros., Janesville, Wis.....278, 267, 266
Grant, David, Cedar Rapids, Ia.....272, 271, 270
Moffatt, Wm. M. and Bro., Paw Paw.....279, 276, 275, 274, 273
Treadwell, H. A., Elgin.....277

ENGLISH SHIRE—6 head,

Blair Bros. and Curry, Aurora.....285, 282
Brown, Geo. E. and Co., Aurora.....283
Galbraith Bros., Janesville, Wis.....284, 281, 280

SHETLAND PONIES—2 head.

Galbraith Bros., Janesville, Wis.....303, 302

MISCELLANEOUS—17 head.

Caton Stock Farm, Joliet.....298, 297, 292, 291, 290, 289
Covert, George H., Chicago.....301, 288
Dillon Bros., Normal.....287, 286
Duncan, J. C., Normal.....301
Pearce, John Irving, Jr., Chicago.....300, 299, 294, 293
Treadwell, H. A., Elgin.....296, 295

SADDLE PONIES—1 head.

Schuttler, Peter, Jr., Chicago.....304

CLASS C—SHEEP.

SOUTHDOWNS—20 head.

Anderson, W. D. and L. C. Anderson, O.....311
Newton, Mrs. Ann, Pontiac, Mich.....310
Potts, J. H. and Son, Jacksonville.....324, 323, 316, 315, 314, 313, 312, 309, 308, 307, 306, 305
Stanford, E. and A., Steyning, Eng.....322, 321, 320, 319, 318, 317

SHROPSHIRES—10 head.

Newton, Mrs. Ann, Pontiac, Mich.....334, 330, 326, 325
Rutherford, John, Roseville, Ont.....331, 329
Waddel, B., Marion, O.....333, 332
Willson, Frank, Jackson, Mich.....328, 327

HAMPSHIRES—12 head,

Newton, Mrs. Ann, Pontiac, Mich.....343, 342, 341, 340, 339 336, 335
Rutherford, John, Roseville, Ont.....346, 338
Willson, Frank, Jackson, Mich.....345, 344, 337

OXFORDS—8 head.

Newton, Mrs. Ann, Pontiac, Mich.....351, 347
Rutherford, John, Roseville, Ont.....350
Stone and Loake, Stonington.....353, 352, 349, 348
Willson, Frank, Jackson, Mich.....354

COTSWOLDS—13 head.

Newton, Mrs. Ann, Pontiac, Mich 365, 362, 361, 356
Srout, Frank, McLean 369, 355
Stone and Loake, Stonington 364, 363
Waddel, B., Marion, O 358, 357
Willson, Frank, Jackson, Mich 367, 366, 359

LEICESTERS—12 head.

Newton, Mrs. Ann, Pontiac, Mich 377, 374, 369
Rutherford, John, Roseville, Ont 378, 376, 375, 372, 371
Srout, Frank, McLean 373, 368
Waddel, B., Marion, O 415, 370

LINCOLNS—9 head.

Newton, Mrs. Ann, Pontiac, Mich 386, 383, 382, 379
Rutherford, John, Roseville, Ont 387, 385, 384, 380, 381

CROSS-BRED SHEEP.

HAMPSHIRE-COTSWOLDS—2 head.

Newton, Mrs. Ann, Pontiac, Mich 389, 390

SHROPSHIRE-COTSWOLDS—4 head.

Newton, Mrs. Ann, Pontiac, Mich 399
Rutherford, John, Roseville, Ont 414
Waddel, B., Marion, O 392, 391

LEICESTER-COTSWOLD—1 head.

Waddel, B., Marion, O 408

LINCOLN-SOUTHDOWN—1 head.

Rutherford, John, Roseville, Ont 398

LINCOLN-SHROPSHIRE—1 head.

Rutherford, John, Roseville, Ont 397

OXFORD-LEICESTER—1 head.

Rutherford, John, Roseville, Ont 404

SOUTHDOWN-LEICESTER—2 head.

Rutherford, John, Roseville, Ont 413, 405

HAMPSHIRE-OXFORD—1 head.

Rutherford, John, Roseville, Ont 406

SHROPSHIRE-LEICESTER—3 head.

Newton, Mrs. Ann, Pontiac, Mich 407
Rutherford, John, Roseville, Ont 412, 396

SHROPSHIRE-SOUTHDOWN—3 head.

Waddel, B., Marion, O 417, 401, 400

COTSWOLD-SOUTHDOWN—4 head.

Potts, J. H. & Son, Jacksonville 402
Willson, Frank, Jackson, Mich 411, 410, 395

Grades.

GRADE SOUTHDOWNS—2 head.

Stone & Loake, Stonington.....416, 394

GRADE SHROPSHIRE—1 head.

Stone & Loake, Stonington.....393

GRADE OXFORD—2 head.

Stone & Loake, Stonington.....409, 403

CLASS D—SWINE.

BERKSHIRES—3 head.

Srout, Frank, McLean.....419, 418, 417

POLAND CHINAS—21 head.

Countryman, J. A., Rochelle....431, 430, 429, 428, 427, 426, 425, 424, 423, 422, 434, 435, 436, 437, 438, 495, 497
Srout, Frank, McLean.....421, 420
Stone & Loake, Stonington.....433, 432

CHESTER WHITE—9 head.

Srout, Frank, McLean.....445, 444
Todd, S. H., Wakeman, O.....447, 446, 443, 442, 441, 440, 439

ESSEX—3 head.

Doney, E. T., Jackson, Mich.....448
Willson, Frank, Jackson, Mich.....450, 449

DUROC JERSEY RED—9 head.

Bennett, Thomas, Rossville.....454, 453, 452
Railsback, B. T., Hopedale.....508, 507, 457, 456, 455, 451

SUFFOLK—6 head.

Willson, Frank, Jackson, Mich.....467, 466, 465, 460, 459, 458

YORKSHIRE—5 head.

Henley, L. C., Mattoon, Ill.....505, 464, 463, 462, 461

VICTORIA—5 head.

Stone & Loake, Stonington.....472, 471, 470, 469, 468

Grades.

GRADE CHESTER WHITE—3 head.

Todd, S. H., Wakeman, O.....50, 486, 485

GRADE POLAND-CHINA—17 head.

Countryman, J. A., Rochelle.....495, 484
Railsback, B. T., Hopedale.....504, 503, 502, 482, 481, 480
Srout, Frank, McLean.....475, 474, 473
Waters, B. F., Rochester.....493, 492, 491, 490, 489, 488

GRADE SUFFOLK—1 head.

Willson, Frank, Jackson, Mich.....494

Cross Bred Swine.

YORKSHIRE-POLAND-CHINA—5 head.

Henley, L. C., Mattoon.....501, 500, 478, 477, 476

POLAND-CHINA-CHESTER WHITE—3 head.

Srout, Frank, McLean.....49
Todd, S. H., Wakeman, O.....487, 479

SUFFOLK-CHESTER WHITE—1 head.

Willson, Frank, Jackson, Mich.....483

BUTTER EXHIBITORS.

Adams, D. M.....Argenta.
Allen, A. H.....Belvidere.
Allen, W. F.....Belvidere.
Aurora Creamery Co.....Aurora.
Bacon, T.....Wauconda.
Bailey, L. P.....Pugh, O.
Baker, E. W.....Edmond, Wis.
Bartlett, Mrs. C. H.....Beloit, Wis.
Beard, Wm. & Sons.....Decorah, Ia.
Beekman, H. S.....Brunswick, Ind.
Berry, E. A.....Adeline.
Bierer, E. H.....Rockford.
Bingham, A. M.....Jesup, Ia.
Boies, W. A.....Marengo.
Boyd, John.....Chicago.
Brazelton, J. W.....Prairieburg, Ia.
Buchanan, Ed.....Johnsburg.
Campbell, James.....Lake Zurich.
Childs, Watson.....Manchester, Ia.
Church, M. H.....Walworth, Wis.
Clark, John T.....Clinton, Mich.
Colby, Byron.....Libertyville.
Cook & Cheever.....Waukegan.
Davis, George F. & Co.....Dyer, Ind.
Doolittle & Barnes.....Onarga.
Dunn, A. S.....Burlington.
Everson, William.....Lake Mills, Wis.
Eyman & McGuire.....Eureka.
Fargo, F. B. & Co.....Lake Mills, Wis.
Feakins, C. E.....Kirkland.
Fitzsimmons & Evanson.....W. McHenry.
Foster, A. P.....Plainview, Minn.
Foster & Borden, Agents.....Chicago.
Fountain, Dexter P.....Warrenville.
Fox River Butter Co.....Oswego.
Fulkerson, W. H.....Jerseyville.
Furness, E. L. & Sons.....Furnessville, Ind.
Gernon, S. E.....Waukesha, Wis.
Gilbert, William H.....Richland, N. Y.
Gillis, Horton.....Big Foot Prairie.
Grant County Creamery.....Potosi, Wis.
Grinnell Creamery.....Grinnell, Io.
Grovelin, J.....Kirkland.
Gurler Brothers.....De Kalb.
Harrison, C. L.....Libertyville.
Hellen, Mrs. H. V. D.....Ft. Atkinson, Wis.
Henderson, P. G.....Central City, Ia.
Henderson, Mrs. P. G.....Central City, Ia.
Heynen & Von Oven.....Niles, Ia.
Hodgson, John, Jr.....Pewaukee, Wis.
Holmes, Frank D.....Owatonna, Minn.
Holmes, Mrs. Velma C.....Owatonna, Minn.
Hostetter, W. R.....Mt. Carroll.
Indianola Creamery Co.....Postville, Ia.
Kellogg, H. W.....Ripon Wis.
Kingman, H. R.....Battle Creek, Mich.

Kirk, William T.....Kirkland.
Le Baron, D.....Ripon, Wis.
Marble Rock Creamery Co.....Marble Rock, Ia.
March, G. B.....Elgin.
McConnell, W. N.....Dartford, Wis.
McCracken, ——.....Fairfield, Ia.
McCray & Kessler.....Kendallville, Ind.
McCredie, James.....Elgin.
McCredie, William.....Algonquin.
Mead Factory.....Melbourn, Ia.
Meyer, James.....Carthage.
Montgomery, Mrs. J. F.....Kenney.
Moran, P. & Co.....Chicago.
Neely, J. E.....Grinnell, Ia.
Negus, A. J.....Marengo.
Overton, J. S. & Son.....Solon.
Patrick, R. M.....Marengo.
Petty, J. B.....Mt. Carroll.
Potts, J. H. & Son.....Jacksonville.
Pride, Emily A.....Janesville, Minn.
Richmond, M.....Palatine.
Roach, L. C.....Zwingle, Ia.
Ryan, T. C.....Bloomingdale.
Seeds and Ferguson.....Philadelphia, Pa.
Segar, J. W.....Rockford.
Sibley, C. W. & Co.....State Centre, Ia.
Smith, Mrs. D. W.....Bates.
Smith, G. B. & C. S.....Eagle, Mich.
Smiths, Powell & Lamb.....Syracuse, N. Y.
Stewart, William.....Franklin Grove.
Stout, J. W.....Momence.
Summerville Creamery Co.....Postville, Ia.
Swan & Bosler.....Indianola, Ia.
Table Rock Creamery Association.....Table Rock, Neb.
Tenney, C. F.....Bement.
Thomas, J. M.....Dixon, Wis.
Thorp, Charles.....Burnett Junction, Wis.
Valentine, R. H.....Steele City, Neb.
Victor, Bert.....Marengo.
Wadhams, Seth.....Elmhurst.
Waddel, B.....Marion, O.
Wales, Thos. B., Jr.....Iowa City, Ia.
Wattles, Homer.....W. McHenry.
White, Geo. H.....Ft. Atkinson, Wis.
Wilson, N. P.....Sterling.
Woolverton, D. C.....Belvidere.
Wright, S. N.....Elgin.

CHEESE EXHIBITORS.

Barber, A. H.....Chicago.
Bingham, A. M.....Jesup, Ia.
Colvin, Jefferson.....Kingston.
Davis, Samuel B.....Chicago.
Decker, A. J.....Fond du Lac, Wis.
Durkee, H. M.....Milbern, O
Freitag, M.....Dayton, Wis.
Hazen, Chester.....Brandon, Wis.
Holmes, F. D.....Owatonna, Minn.
Ingalls, E. P.....Milford, Wis.
Moran, P.....Chicago.
Munger, Milo.....Harvard.
Neely, J. E.....Grinnell, Ia.
Potter & Barker.....La Fox.
Schenck, Christ.....Nevada, O.
Widder, T. D.....Brillion, Wis.
Woolverton, D. C.....Belvidere.

DAIRY IMPLEMENTS.

Barger, D.....Chicago.
Batcheller, H. F. & Son.....Rock Falls.
Cherry, J. G.....Cedar Rapids, Ia.
Chicago R. H. Manufacturing Co.....Chicago.
Chr. Hansen's Laboratory.....Chicago.
Cornish, Curtis & Green.....Ft. Atkinson, Wis.
Dairy Implement Co.....Bellows Falls, Vt.
Davis Warehouse Co.....Chicago.

Detroit Refrigerator Car Co ..... Detroit, Mich.
Fargo, F. B. & Co ..... Lake Mills, Wis.
Flanagan & Hoff ..... Chicago.
Harvey & Campbell ..... Bellevue, Ia.
Kendall Refrigerating Co ..... Kendallville, Ind.
Knight, S. H ..... Minneapolis, Minn.
Lespinasse, R ..... Chicago.
Mann, C. E ..... Geneva.
McAdams Butter Package Co ..... Postville, Ia.
McDermaid & Allen ..... Rockford.
Moran & Co ..... Chicago.
Moseley's Pritchard Manufacturing Co ..... Clinton, Ia.
Palace Creamery Co ..... Kalamazoo, Mich.
Palmer, H. H. & Co ..... Rockford.
Poe, D. H. & Co ..... Chicago.
Raven, L. A. & Co ..... Chicago.
Record Manufacturing Co ..... Conneaut, O
Redell, R. F ..... Chicago.
Rockford Chemical Works ..... Rockford.
Rockford Churn Co ..... Rockford.
Staunton, W. H ..... Chicago.
Swan, D. J ..... Chicago.
Tiarks, Geo. B ..... Chicago.
Tiffany Refrigerator Car Co ..... Chicago.
Van Patten, J. & Co ..... Holland, Mich.
Vt. Farm Machine Co ..... Bellow's Falls, Vt.
Wells & Richardson ..... Burlington, Vt.
Wilhelm, John ..... Wooster, O.
Willard, Chas. P. & Co ..... Chicago.
Wood, C. H ..... Chicago.

AWARDING COMMITTEES.

QUALIFICATION OF JUDGES.

The State Board of Agriculture, after using all diligence and care in the selection of judges, thoroughly investigated in open meeting the qualifications of each committeeman, as to the number of years of practical experience had, as a butcher, in killing and cutting up on the block the various breeds of stock on exhibition. The predjudices, if any, of judges in favor of any of the various breeds of meat animals, either as breeders or otherwise, were developed. All essential matters likely to determine the ability of judges to critically and impartially pass upon the merits of the animals on exhibition, were duly considered.

CLASS A—CATTLE. BEEF BREEDS.

Lot 1—Short-Horn.

Name.	Residence.	State.
W. H. Leonard	Louisville	Kentucky
J. Myers	Chicago	Illinois
H. C. Ingwersen	Chicago	Illinois

Lot 2—Hereford.

H. C. Ingwersen	Chicago	Illinois
W. H. Leonard	Louisville	Kentucky
J. Myers	Chicago	Illinois

Lot 3—Devon.

No entries.

Lot 4—Aberdeen-Angus or Galloways.

W. H. Leonard	Louisville	Kentucky
J. Myers	Chicago	Illinois

Lot 5—Holstein or Friesian.

W. H. Leonard	Louisville	Kentucky
J. Myers	Chicago	Illinois

Lot 6—Grades or Crosses.

H. C. Ingwersen	Chicago	Illinois
W. H. Leonard	Louisville	Kentucky
J. Myers	Chicago	Illinois

Lot 7—Range Cattle.

No entries.

Lot 8—All Breeds and Grades by Ages.

J. G. Imboden	Decatur	Illinois
Geo. W. Shannon	Chicago	Illinois
Wm. Stocking, Umpire	Rochelle	Illinois

Lot 9—Sweepstakes.

H. Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois
W. H. Leonard	Louisville	Kentucky

Lot 10—Grand Sweepstakes.

H. A. Heineman	Belleville	Illinois
W. H. Leonard	Louisville	Kentucky

Lot 11—Pen of Cattle.

J. G. Imboden	Decatur	Illinois
Geo. W. Shannon	Chicago	Illinois
Wm. Stocking, Umpire	Rochelle	Illinois

Lot 12—Dressed Carcass.

Chas. E. Bunn	Peoria	Illinois
Wm. Wick	Chicago	Illinois
W. H. Leonard, Umpire	Louisville	Kentucky

Lot 13—Carcass Prizes.

Chas. E. Bunn	Peoria	Illinois
Chas. Cook	Chicago	Illinois
Wm. Wick	Chicago	Illinois

Lot 14—Dressed Carcass—Sweepstakes.

Chas. E. Bunn	Peoria	Illinois
Chas. Cook	Chicago	Illinois
Wm. Wick	Chicago	Illinois

Lot 15—Heaviest Fat Steer.

J. G. Imboden	Decatur	Illinois
Geo. W. Shannon	Chicago	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 17—Cost of Production.

M. A. Morse	Chicago	Illinois
John Griffith	Batavia	Illinois
B. Pullen	Centralia	Illinois

DAIRY BREEDS.

Lot 18—Holstein or Friesian.

J. H. Delancey.....Elgin.....Illinois

Lot 19—Ayrshire.

E. P. Ingalls.....Milford.....Wisconsin

Lot 20—Jersey.

W. R. Hostetter.....Mt. Carroll.....Illinois

Lot 21—Other Pure Dairy Breeds.

No. entries.

CLASS B—HORSES.

Lot 22—Nornam-Percheron.

George Agniel.....Princeton.....Indiana
Wm. Moffatt.....Paw Paw.....Illinois
C. Norris.....La Moille.....Illinois

Lot 23—Clydesdale.

C. Norris.....La Moille.....Illinois
W. W. Stewart.....Franklin Grove.....Illinois

Lot 24—English Shire.

A. C. McIntire.....
C. Norris.....La Moille.....Illinois
W. W. Stewart.....Franklin Grove.....Illinois

Lot 24½. Miscellaneous.

Abbott Buggy Co.'s Prize.

R. Bullock.....
A. C. McIntire.....
W. J. Neely.....Ottawa.....Illinois

M'Cormick Manufacturing Co.'s Prize.

D. G. Ryburn.....Randolph.....Illinois
A. C. McIntire.....
W. J. Neely.....Ottawa.....Illinois

J. M. W. Jones' Prize.

R. Bullock.....
A. C. McIntire.....
W. J. Neely.....Ottawa.....Illinois

KENT PUBLISHING CO.'S PRIZE.

R. Bullock		
A. C. McIntire		
W. J. Neely	Ottawa	Illinois

P. HAYDEN SADDLERY HARDWARE CO.'S PRIZE.

T. L. Armstrong		
R. Bullock		
R. H. McCormick	Chicago	Illinois
A. C. McIntire		
B. J. Moore		
W. J. Neely	Ottawa	Illinois

MERIDEN BRITTANIA CO.'S PRIZE.

A. J. Caton	Chicago	Illinois
D. W. Vittum, Jr	Canton	Illinois

L. ADAMS & CO.'S PRIZE.

A. J. Caton	Chicago	Illinois
D. W. Vittum, Jr	Canton	Illinois

CORTLAND WAGON CO.'S PRIZE.

George Agniel		
William Moffat	Paw Paw	Illinois
C. Norris	LaMoille	Illinois

CLASS C—SHEEP.

Lot 25—Southdown.

H. Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois
E. W. Pomeroy	Lee Centre	Illinois

Lot 26—Shropshire.

H. Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois
E. W. Pomeroy	Lee Centre	Illinois

Lot 27—Hampshire.

H. Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois

Lot 28—Oxford.

Hohman Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois
E. W. Pomeroy	Lee Centre	Illinois

Lot 29—Cotswold.

Hohman Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois
E. W. Pomeroy	Lee Centre	Illinois

Lot 30—Leicester.

Hohman Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois
E. W. Pomeroy	Lee Centre	Illinois

Lot 31—Lincoln.

Hohman Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois
E. W. Pomeroy	Lee Centre	Illinois

Lot 32—Grades or Crosses.

H. A. Heineman	Belleville	Illinois
E. W. Pomeroy	Lee Centre	Illinois

Lot 33—Pure Bred Middle Wools, by Ages.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 34—Pure Bred Long Wools, by Ages.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 35—Sweepstakes.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 36—Grand Sweepstakes.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 38—Pen Wethers.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 39—Dressed Carcass.

Chas. E. Bunn	Peoria	Illinois
Chas. Cook	Chicago	Illinois
W. H. Leonard	Louisville	Kentucky

Lot 40—Dressed Carcass—Sweepstakes.

Lot 42—Cost of Production.

M. A. Morse	Chicago	Illinois
John Griffith	Batavia	Illinois
B. Pullen	Centralia	Illinois

CLASS D—SWINE.

Lot 43—Berkshire.

J. G. Imboden	Decatur	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 44—Poland China.

J. G. Imboden	Decatur	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 45—Chester White.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 46—Essex.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 47—Duroc Jersey Red.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 48—Yorkshire and Suffolk.

J. G. Imboden	Decatur	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 49—Victoria.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 50—Grades or Crosses.

J. G. Imboden	Decatur	Illinois
E. W. Pomeroy	Lee Centre	Illinois
Wm. Stocking	Rochelle	Illinois

Lot 51—All Breeds and Grades by Ages.

Hohman Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois

Lot 52—Sweepstakes.

Hohman Freeman	Mt. Vernon	Indiana
H. A. Heineman	Belleville	Illinois

Lot 53—Grand Sweepstakes.

H. C. Ingwersen	Chicago	Illinois
W. H. Leonard	Louisville	Kentucky
Jacob Myers	Chicago	Illinois

Lot 55—Pen Barrows.

H. Freeman ..... Mt. Vernon ..... Illinois
H. A. Heineman ..... Belleville ..... Illinois
E. W. Pomeroy ..... Lee Centre ..... Illinois

Lot 56—Dressed Carcass.

Lot 58—Cost of Production.

M. A. Morse ..... Chicago ..... Illinois
John Griffith ..... Batavia ..... Illinois
B. Pullen ..... Centralia ..... Illinois

COMMITTEE ON MEASUREMENTS.

CLASS A—CATTLE.

S. B. Gillham ..... Alton ..... Illinois
A. B. Hostetter ..... Mt. Carroll ..... Illinois
A. H. Remington ..... Fairbury ..... Illinois
F. A. Voigt .....

CLASS C—SHEEP.

A. M. Garland ..... Springfield ..... Illinois
J. Tabor Mathers ..... Jacksonville ..... Illinois

CLASS D—SWINE.

O. A. David ..... Aledo ..... Illinois
A. B. Hostetter ..... Mt. Carroll ..... Illinois
J. Tabor Mathers ..... Jacksonville ..... Illinois

COMMITTEE ON AGES.

CLASSES A, C AND D.

Wm. Stewart ..... Franklin Grove ..... Illinois
J. L. Moore ..... Polo ..... Illinois
Wm. Folsetter ..... Evansville ..... Indiana

CLASS N—DAIRY.

Lot 59—Butter.

H. Knowles ..... Rockford ..... Illinois
Chas. C. Rice ..... Chicago ..... Illinois

Lot 60—Special Prizes Offered by Citizens of Chicago.

H. Knowles	Rockford	Illinois

Lot 61—Cheese.

F. L. Cook	Chicago	Illinois
E. I. Redell	Chicago	Illinois

Lot 62—Special Prizes Offered by Citizens of Chicago.

F. L. Cook	Chicago	Illinois
E. I. Redell	Chicago	Illinois

Lot 63—Butter-Making Utensils.

D. M. Adams	Argenta	Illinois
A. H. Allen	Belvidere	Illinois
Wm. Sutton	Table Rock	Nebraska

Lot 64. Cheese-Making Utensils.

D. M. Adams	Argenta	Illinois
A. H. Allen	Belvidere	Illinois
William Sutton	Table Rock	Nebraska

Lot 65—Cream-Raising Utensils.

D. M. Adams	Argenta	Illinois
A. H. Allen	Belvidere	Illinois
William Sutton	Table Rock	Nebraska

Lot 66—Machinery for Dairy Use.

D. M. Adams	Argenta	Illinois
A. H. Allen	Belvidere	Illinois
William Sutton	Table Rock	Nebraska

Lot 67—Butter and Cheese Packages.

D. M. Adams	Argenta	Illinois
A. H. Allen	Belvidere	Illinois
William Sutton	Table Rock	Nebraska

BREEDING OF ANIMALS EXHIBITED.

CLASS A—CATTLE.

Section 1—Beef Breeds.

LA FAYETTE FUNK, *Superintendent.*

Lot 1—Short-Horn.

Steer, Barren or Spayed Cow 3 and under 4 years—4 entries.

1—Schooler, exhibited by Morrow & Renick, Clintonville, Ky.; bred by B. R. Schooler, Clintonville, Ky.; dropped December 16, 1881; sire, Poppy's Airdrie 10346; dam, Miss Byron.

2—Bedford 4th, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Frank P. Bedford, Paris, Ky.; dropped March 20, 1882; sire, Renick 10413; dam, Calla 33d.

3—Weathers, exhibited by Morrow & Renick, Clintonville, Ky.; bred by J. E. Weathers, Pine Grove, Ky.; dropped January 13, 1882; sire, Duke Geneva 22631; dam, Myra Airdrie 3d.

4—Renick Sharon, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Abram Renick, Clintonville, Ky.; dropped June 20, 1882; sire, 7th Duke of Sharon 7518; dam, Duchess 31.

Steer or Spayed Heifer 2 and under 3 years—10 entries.

5—Snowball, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. W. McCrosky, Tipton, Ia.; dropped November 29, 1882; sire, Roan Underly 10430; dam, Lucy Miscatoon.

6—Frank, exhibited by J. H. Potts & Son, Jacksonville; bred by David Winters, Jacksonville; dropped May 20, 1883; sire, 5th Prince of Riverdale 42391; dam, Lulu 4th.

7—Gen. Custer, exhibited by J. R. Peak & Son, Winchester; bred by Harvey Sadowsky, Indianola; dropped January 23, 1883; sire, General Custer 4th 35569; dam, Airdrie's Bloom.

8—L. Cunningham, exhibited by J. R. Peak & Son, Winchester; bred by Harvey Sadowsky, Indianola; dropped March 4, 1883; sire, Airdrie's Geneva 42706; dam, Cambridge Rose 4th.

9—Joe Cannon, exhibited by J. R. Peak & Son, Winchester; bred by Harvey Sadowsky, Indianola; dropped March 2, 1883; sire, Airdrie's Geneva 42706; dam, Lady.

10—Baron Constance, exhibited by J. R. Peak & Son, Winchester; bred by Harvey Sadowsky, Indianola; dropped June 27, 1883; sire, Baron Constance 4th 45373; dam, Magnolia.

11—Cambridge Geneva, exhibited by J. R. Peak & Son, Winchester; bred by Harvey Sadowsky, Indianola, Ia.; dropped March 1, 1883; sire, Airdrie's Geneva 42706; dam, Cambria.

12—Roan Twin, bred and exhibited by W. S. White, Sabetha, Kas.; dropped January 19, 1883; sire, Gov. St. John 46191; dam, Leona 4th.

13—Swift, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Charles Swift, Winchester, Ky.; dropped February 25, 1883; sire, Lord Castlewood 33058; dam, Manana.

14—Cunningham, exhibited by Morrow & Renick, Clintonville, Ky.; bred by John Cunningham, Paris, Ky.; dropped April 17, 1883; sire, Lord Beaconsfield 11156; dam, Airdrie Lass.

Steer or Spayed Heifer 1 and under 2 years—2 entries.

15—Orio, bred and exhibited by B. Waddel, Marion, O.; dropped February 10, 1884; sire, 1st Duke of Greenwood; dam, Lady Matilda.

16—Cleveland, bred and exhibited by Elbert & Fall, Albia, Ia.; dropped July 1, 1884; sire, Duke of Hazelhurst 45854; dam, Red Daisy.

Steer or Spayed Heifer under 1 year—1 entry.

17—Duke of Ashbrook 2d, exhibited by J. R. Peak & Son, Winchester; bred by James C. Hamilton, Franklin; dropped March 18, 1885; sire, Duke of Ashbrook; dam, Yorico Lass 10th.

Lot 2—Hereford.

Steer or Spayed Cow 3 and under 4 years—8 entries.

18—Tom, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; bred by John Price, Pembridge, Eng.; dropped May 26, 1882; sire, Hereford; dam, Hereford.

19—Jim, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; bred by John Price, Pembridge, Eng.; dropped April 16, 1882; sire, Hereford; dam, Hereford.

20—Alfred, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; bred by Mr. Smith, Ganetop, Eng.; dropped June 13, 1882; sire, Hereford; dam, Hereford.

21—George, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; bred by Mr. Smith, Ganetop, Eng.; dropped June 14, 1882; sire, Hereford; dam, Hereford.

22—Suspense, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by Gudgell & Simpson, Independence, Mo.; dropped May 24, 1882; sire, Anxiety 4th 4904; dam, Lady Stanway 9937.

23—Champion, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by R. S. Olver, Cornwall, Eng.; dropped April 6, 1882; sire, Winstanley (6258); dam, Cherry (Vol. XI).

24—Cornwall, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by W. R. Grose, Cornwall, Eng.; dropped April 2, 1882; sire, Penpont (6101); dam, Charmer 2d (Vol. XIV).

25—Stokesay, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by P. G. Hughes, Craven Arms, Eng.; dropped May 4, 1882; sire, Formosa Boy 2d (5919); dam, Lemon 6th, (Vol. XI).

Steer or Syayed Heifer 2 and under 3 years—5 entries.

26—Elkington, exhibited by Adams Earl, Lafayette, Ind.; bred by Earl & Stuart, Lafayette, Ind.; dropped January 22, 1883; sire, Turcoman (6237) 5382; dam, Bonny Arrow 5425.

27—Sampson, exhibited by Geo. Leigh & Co., Aurora; bred by R. Shirley, Salop, Eng.; dropped April 30, 1883; sire, Horace 5th (6491); dam Dollas 8th, Vol. 17, E. H. B.

28—Bendigo, exhibited by Geo. Leigh & Co., Aurora; bred by R. Shirley, Salop, Eng.; dropped June 3, 1883; sire, Filbert (6431); dam, Dollas 9th.

29—Tempest, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped December 14, 1882; sire, Tredegar 3386; dam, Emmeline 4005.

30—Champion, bred and exhibited by Benj. Hershey, Muscatine, Ia.; dropped December 3, 1882; sire, His Lordship 4996; dam, Miss Lucy 5284.

Steer or Spayed Heifer 1 and under 2 years—2 entries.

31—Slasher, exhibited by Geo. Leigh & Co., Aurora; bred by R. Shirley, Salop, Eng.; dropped June 21, 1884; sire, Horace 5th (6491); dam, Cheesberry Lass.

32—Frank, exhibited by Geo. Leigh & Co., Aurora; bred by R. Shirley, Salop, Eng.; dropped May 1, 1884; sire, Filbert (6431); dam, Dollas, Vol. 17, E. H. B.

Steer or Spayed Heifer under 1 year—No entry.

Lot 3—Devons—No entry.

Lot 4—Aberdeen-Angus.

Steer or Spayed Cow 3 and under 4 years—No entry.

Steer or Spayed Heifer 2 and under 3 years—4 entries.

33—Benholm, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by W. Smith, Benholm Castle, Scotland; dropped January 23, 1883; sire, Esk (1678); dam, Nannie of Benholm (6095).

34—Wildy, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by Wm. Robertson, Aberlour, Scotland; dropped February 5, 1883; sire, Paris (1473); dam, Crochet.

35—Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by Burleigh & Bodwell, Vassalboro, Me.; dropped September 23, 1883; sire, Bismark 2d (1860); dam, Miss Panmure, (Vol. X).

36—Logan, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by T. A. Fletcher, Indianapolis, Ind.; dropped October 8, 1883; sire, Bismark 2d (1860); dam, Highland Mary, (Vol. X).

Steer or Spayed Heifer 1 and under 2 years—1 entry.

37—Sandy, bred and exhibited by Gudgell & Simpson, Independence, Mo.; dropped March 27, 1884; sire, Knight of St. Patrick 354 (2194); dam, Queen of Earnside (3715).

Steer or Spayed Heifer under 1 year—1 entry.

38—Alex, bred and exhibited by Gudgell & Simpson, Independence, Mo.; dropped January 10, 1885; sire, Knight of St. Patrick 354 (2194); dam, Ann 3d 2485.

Lot 5—Holstein or Friesian.

Steer or Spayed Cow 3 and under 4 years—1 entry.

39—Gottlieb, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped December 29, 1881; sire, St. John 809; dam, Wyhe, 676.

Steer or Spayed Heifer 2 and under 3 years—No entry.

Steer or Spayed Heifer 1 and under 2 years—No entry.

Steer or Spayed Heifer under 1 year—1 entry.

40—Brookbank Lad, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.; bred by C. R. Smith, Santa Anna, Col.; dropped February 7, 1885; sire, Holstein; dam, Mink 4 (3926).

Lot 6—Grades or Crosses.

Steer or Spayed Cow 3 and under 4 years—29 entries.

41—Little Britain, grade Short-Horn, bred and exhibited by Geo. Elliott, Harristown; dropped September 21, 1882; sire, 5th Cambridge Duke of Glenwood 50313; dam, ¾ grade Short-Horn.

42—Scott, grade Hereford, bred and exhibited by C. M. Culbertson, Chicago; dropped April 15, 1882; sire, Hereford; dam, ¾ grade Hereford.

43—Schuttler, grade Hereford; bred and exhibited by C. M. Culbertson, Chicago; dropped April 15, 1882; sire, Hereford; dam, ½ grade Hereford.

44.—Reynolds, grade Hereford, bred and exhibited by C. M. Culbertson, Chicago; dropped May 1, 1882; sire, Hereford; dam, ½ grade Hereford.

45—Dysart, grade Hereford, bred and exhibited by C. M. Culbertson, Chicago; dropped July 15, 1882; sire, Hereford; dam, ½ grade Hereford.

46—Pearce, grade Hereford, bred and exhibited by C. M. Culbertson, Chicago; dropped May 1, 1882; sire, Hereford; dam, ½ grade Hereford.

47—Dick, grade Hereford, exhibited by Adams Earle, Lafayette, Ind.; bred by E. J. Smith, Beecher; dropped June 7, 1882; sire, Sir Richard 2d 970*a* (4984); dam, grade Hereford

48—Excelsior, grade Hereford, exhibited by Adams Earle, Lafayette, Ind.; bred by Raub & Earle, Earl Park, Ind.; dropped April 18, 1882; sire, Hereford; dam, ¼ grade Short-Horn.

49—Champion, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by W. P. Smith, Lowder; dropped February 25, 1882; sire, Hopewell; dam, ¾ grade Short-Horn.

50—Surprise, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by A. Landon, Auburn; dropped October 1, 1882; sire, Short-Horn; dam, ¾ grade Short-Horn.

51—Jake, grade Hereford, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; bred by Henry Creed, North Bloomfield, O.; dropped May 2, 1882; sire, Hereford; dam, ½ grade Hereford, ½ grade Short-Horn.

52—J. P. Reynolds, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped June 8, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

53—Right about, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped April 5, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

54—McCue, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped December 20, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

55—Barney, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped December 3, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

56—Cherry, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped June 25, 1882; sire, 15-16 grade Short-Horn; dam 15-16 grade Short-Horn.

57—McGregor, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped May 24, 1882; sire, Grandee 3d 5381; dam, ½ grade Hereford.

58—Regulus, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by J. R. Price, Williamsville; dropped April 14, 1882; sire, Regulus 2d 6089; dam, ½ grade Short-Horn.

59—Boots, grade Holstein, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped April 27, 1882; sire, Holstein; dam, native cow.

60—Jessie, grade Hereford, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped July 25, 1882; sire, Hereford; dam, grade Short-Horn.

61—Dan, grade Short-Horn, exhibited by B. Waddel, Marion, O.; bred by D. Lawrence, Marion, O.; dropped September 1, 1882; sire, Earl of Brooks 20th; dam, ¾ grade Short-Horn.

62—Warfield, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by LaFayette Funk, Shirley; dropped July 6, 1882; sire, Short-Horn; dam, 15-16 grade Short-Horn.

63—Richland, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by Robert Harrison, Richland; dropped May 20, 1882; sire, Short-Horn; dam ¾ grade Short-Horn.

64—Albright, grade Hereford, exhibited by John B. Sherman, Chicago; bred by Samuel Albright, Rossville; dropped March 25, 1882; sire, Hereford; dam, ⅞ grade Short-Horn.

65—Longmore, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by L. Longmore, Bauff, Scotland; dropped December 10, 1881; sire, Short-Horn; dam, ½ grade Short-Horn, ½ grade Aberdeen-Angus.

66—Hutcheon, grade Aberdeen-Angus, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by Alex. Hutcheon, Turriff, Scotland; dropped February 22, 1882; sire, King Pippin (1779); dam, ½ grade Short-Horn, ½ grade Angus.

67—Turriff, grade Aberdeen-Angus, exhibited by Jas. J. Hill, St. Paul, Minn; bred by Alex Hutcheon, Turriff, Scotland; dropped January 27, 1882; sire, King Pippin (1779); dam, ½ grade Short-Horn, ½ grade Angus.

68—Stonington, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by T. C. Ponting, Mowcaqua; dropped Mar. 1, 1882; sire, Bonny Lad 6110; dam ½ grade Hereford, ½ grade Short-Horn.

69—Eales, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Charles L. Eales, Cynthiana, Ky.; dropped December 24, 1881; sire, Short-Horn; dam, 15-16 grade Short-Horn.

Steer or Spayed Heifer 2 and under 3 years—33 entries.

70—White Cedar, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.: bred by D. McCroskey, Tipton, Ia.; dropped November 29, 1882; sire, Roan Underly; dam, ¾ grade Short-Horn.

71—Texas Boy, grade Hereford, exhibited by Charles B. Stuart, Lafayette, Ind.; bred by W. E. Campbell, Caldwell, Kas.; dropped May 15, 1883; sire, Hereford; dam, native cow.

72—Joe, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped May 15, 1883; sire, Claret; dam, grade Short-Horn.

73—Red Cloud, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by W. W. Shepherd & Son, Jacksonville: dropped March 24, 1883; sire, Lexington; dam, ¾ grade Short-Horn.

74—Victor, grade Short-Horn, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped March 25, 1883; sire, Hopewell; dam, ¾ grade Short-Horn.

75—Major Taylor, grade Short-Horn, exhibited by J. H Potts & Son, Jacksonville; bred by Wm. Simpson, Tallula; dropped June 22, 1883; sire, Major Taylor; dam, ¾ grade Short-Horn.

76—Richmond, grade Short-Horn, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped March 20, 1883; sire, Imported Duke of Richmond 21525; dam, ¾ grade Short-Horn.

77—Billie S, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by Wm Simpson, Tallula; dropped May 19, 1883; sire, Major Taylor; dam, ¾ grade Short-Horn.

78—Mack, grade Short-Horn, exhibited by J. H, Potts & Son, Jacksonville; bred by Wm. Simpson, Tallula; dropped March 1, 1883; sire, Major Taylor; dam, ¾ grade Short-Horn.

79—Roan Boy, grade Short-Horn, bred and exhibited by J. R Peak & Son, Winchester; dropped March 10, 1883; sire, Short-Horn; dam, ¾ grade Short-Horn.

80—Wild Bill, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped April 11, 1883; sire, Short-Horn; dam, ¾ grade Short-Horn.

81—Rocket, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped February 12, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

82—Driver, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped March 19, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

83—Victor, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped May 10, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

84—Doc. Woods, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped June 26, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

85—Col. Mills, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped March 10, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

86—Constance, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped April 22, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

87—Red Plum, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped August 5, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

88—Cuba, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped April 20, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

89—Cain, grade Shorthorn, bred and exhibited by John P. Gillett, Elkhart; dropped January 3, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

90—Dandy Boy, grade Hereford; bred and exhibited by Fowler & VanNatta, Fowler, Ind.; dropped January 28, 1883; sire, Tredegar 3386; dam, ½ grade Short-Horn.

91—Benton Will, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped December 30, 1882; sire, Tredegar 3386; dam, ½ grade Short-Horn.

92—Adams, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by Hixson, Earl & Raub, Earl Park, Ind.; dropped January 15, 1883; sire, Hereford; dam, ½ grade Short-Horn.

93—Peter, Hereford-Jersey, bred and exhibited by Fowler & VanNatta, Fowler, Ind.; dropped June 20, 1883; sire, Hereford; dam, Jersey.

94—Captain, grade Holstein, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped February 15, 1883; sire, Holstein; dam, native cow.

95—Prospect, grade Hereford, bred and exhibited by Benj. Hershey, Muscatine, Ia.; dropped March 8, 1883; sire, His Lordship 4996; dam, native cow.

96—Gem, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by James Gaines, Ridge Farm, Ill.; dropped May 20, 1883; sire, Short-Horn; dam, 15-16 grade Short-Horn.

97—Turk, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by Abram Mann, Rossville; dropped April 15, 1883; sire, Short-Horn; dam, ⅞ grade Short-Horn.

98—Reuben Broadus, grade Short-Horn, exhibited by Forbes Bros., Henry; bred by Reuben Broadus, Henry; dropped January 28, 1883; sire, Short-Horn; dam, ¾ grade Short-Horn.

99—Varna, grade Short-Horn, exhibited by Forbes Bros., Henry; bred by Reuben Broadus, Henry; dropped March 10, 1883; sire, Short-Horn; dam, ¾ grade Short-Horn.

100—Little Billy, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by W. T Buckner, Paris, Ky.; dropped May 1, 1883; sire, Short-Horn; dam, 15-16 grade Short-Horn.

101—Buckner, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by W. T. Buckner, Paris, Ky.; dropped June 1, 1883; sire, Short-Horn; dam, 15-16 grade Short-Horn.

102—Morrow, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by J. W. Prescott, North Middleton, Ky.; dropped February 14, 1883; sire, Short-Horn; dam, ⅞ grade Short-Horn.

Steer or spayed heifer, 1 and under 2 years—33 entries.

103—Billy, grade Short-Horn, bred and exhibited by T. W. Hunt, Ashton; dropped April 20, 1884; sire, Royal Commander 3d 40791; dam, 15-16 grade Short-Horn.

104—Reliance, grade Short-Horn, exhibited by T. W. Hunt, Ashton; bred by M. Hunt, Ashton; dropped April 12, 1884; sire, Royal Commander 3d 40791; dam, 15-16 grade Short-Horn.

105—Bob, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped December 11, 1883; sire, Claret; dam, ½ grade Short-Horn.

106—Mort, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped December 20, 1883; sire, Claret; dam, ½ grade Short-Horn.

107—Sam, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped December 10, 1883; sire, Sir Harry; dam, ⅞ grade Hereford.

108—Jack, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped December 12, 1883; sire, John Bull; dam, ½ grade Short-Horn.

109—Sir Bartle 1st, grade Hereford, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped November 28, 1883; sire, Sir Bartle Frear 6419 (6682); dam, ¼ grade Short-horn.

110—Sir Bartle 2d, grade Hereford, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped March 29, 1884; sire, Sir Bartle Frear 6419 (6682); dam, ½ grade Short-Horn.

111—Sir Bartle 3d, Hereford-Short-Horn, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped April 15, 1884; sire, Sir Bartle Frear 6419 (6682); dam, Short-Horn.

112—Sir Bartle 4th, grade Hereford, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped April 22, 1884; sire, Sir Bartle Frear, 6419 (6682); dam, ½ grade Short-Horn.

113—Sir Bartle 5th, grade Hereford, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped May 23, 1884; sire, Sir Bartle Frear 6419 (6682); dam, ½ grade Short-Horn.

114—Lafayette, grade Hereford, exhibited by Adams Earl, Lafayette, Ind.; bred by W. B. Fowler, Earl Park, Ind.; dropped May 24, 1884; sire, Lord Burlington 5585 (8831); dam, ¼ grade Short-Horn.

115—Bob Moore, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by Wm. Crum, Liter; dropped December 26, 1883; sire, Bob Moore; dam, ¾ grade Short-Horn.

116—Tommylin, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by A. S. Peak, Winchester; dropped February 28, 1884; sire, Short-Horn; dam, 15-16 grade Short-Horn.

117—Henry, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by Henry Miner, Winchester; dropped March 3, 1884; sire, 15-16 grade Short-Horn; dam, ⅞ grade Short-Horn.

118—Marcus, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by H. M. Peak, Winchester; dropped February 17, 1884; sire, ⅞ grade Short-Horn; dam, ⅞ grade Short-Horn.

119—Richard, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by H. M. Peak, Winchester; dropped March 1, 1884; sire, ⅞ grade Short-Horn; dam, ⅞ grade Short-Horn.

120—Arch, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by John Campbell, Winchester; dropped March 12, 1884; sire, 15-16 grade Short-Horn; dam, ¾ grade Short-Horn.

121—Roan Dan, grade Hereford, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; bred by Dan VanPelt, Indianola, Ia.; dropped July 28, 1884; sire, Hereford; dam, native cow.

122—Champion, grade Short-Horn, bred and exhibited by John D. Gillett, Elknart; dropped December 2, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

123—Roy, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped January 3, 1884; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

124—Bob, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped June 22, 1884; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

125—Lightfoot, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped May 25, 1884; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

126—Sam, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped December 14, 1883; sire, Tredegar 3386; dam, ½ grade Short-Horn.

127—Matthew, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped March 11, 1884; sire, Tredegar 3386; dam, ½ grade Short-Horn.

128—Charlie, grade Aberdeen-Angus, bred and exhibited by Estill & Elliott, Estill, Mo.; dropped April 1, 1884; sire, Prince of Batavia (1898); dam, grade Short-Horn.

129—Clarence, grade Aberdeen-Angus; bred and exhibited by Estill & Elliott, Estill, Mo.; dropped March 13, 1884; sire, Prince of Batavia (1898); dam, Short-Horn.

130—Last Chance, grade Holstein, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped December 22, 1883; sire, Holstein; dam, ½ grade Holstein.

131—Flash, grade Aberdeen-Angus, bred and exhibited by Wm. R. Estill, Estill, Mo.; dropped March 15, 1884; sire, Rover of E. Tulloch (1891); dam ¾ grade Short-Horn.

132—Phillip, grade Short-Horn, bred and exhibited by B. Waddel, Marion, O.; dropped November 10, 1884; sire, Earl of Brooks 20th; dam, ¾ grade Short-Horn.

133—Lindall, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by J. R. Price & Son, Williamsville; dropped November 27, 1883; sire, Regulus 2d 6089; dam, ¾ grade Short-Horn.

134—Leland, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by J. R. Price & Son, Williamsville; dropped December 6, 1883; sire, Regulus 2d 6089; dam, ¾ grade Short-Horn.

135—Photograph, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by J. A. Funthouser, Plattsburg, Mo.; dropped January 14, 1884; sire, Invincible 5245; dam, Lina.

Steer or Spayed Heifer under 1 year—25 entries.

136—Jumbo, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped November 24, 1884; sire, Claret; dam, ½ grade Short-Horn.

137—Davy, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped December 29, 1884; sire, Claret; dam, ½ grade Hereford, ½ grade Short-Horn.

138—Diamond, grade Short-Horn, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped January 15, 1885; sire, Imported VonTromp; dam, ¾ grade Short-Horn.

139—Crown Prince, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by S. W. Peak, Winchester; dropped December 6, 1884; sire, Short-Horn; dam ½ grade Short-Horn.

140—Lord Thomas, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped January 23, 1885; sire, Short-Horn; dam ⅞ grade Short-Horn.

141—Antony, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by Antony Branbau, Winchester; dropped March 10, 1885; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

142—William Wissly, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped November 17, 1884; sire, Short-Horn; dam, 15-16 grade Short-Horn.

143- Honest Ben, grade Hereford, bred and exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; dropped November 21, 1884; sire, Hereford; dam, ½ grade Short-Horn.

144—Model, grade Hereford, bred and exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; dropped November 30, 1884; sire, Hereford; dam, ½ grade Short-Horn.

145—Swan's Shield, grade Hereford, bred and exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; dropped December 26, 1884; sire, Hereford; dam, ½ grade Short-Horn.

146—Pattern, grade Hereford, bred and exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; dropped November 22, 1884; sire, Hereford; dam, ½ grade Short-Horn.

147—Experiment, grade Hereford, bred and exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.; dropped December 27, 1884; sire, hereford; dam, ½ grade Jersey.

148—Marquis, grade Hereford, exhibited by Henry Davis, Dyer, Ind.; bred by Samuel B. Woods, Lottaville, Ind.; dropped May 14, 1885; sire, Irvington Lad 5748; dam, native cow.

149—Felix, grade Aberdeen-Angus, bred and exhibited by Wm. R. Estill, Estill, Mo.; dropped February 17, 1885; sire, Rover of E. Tulloch (1891); dam, ¾ grade Short-Horn.

150—Sam, grade Hereford, bred and exhibited by Benj. Hershey, Muscatine, Ia.; dropped March 20, 1885; sire, Brigham Young 16,441; dam, native cow.

151—Frank, grade Hereford, bred and exhibited by Benj. Hershey, Muscatine, Ia.; dropped February 6, 1885; sire, Brigham Young 16,441; dam, native cow.

152—Charley, grade Short-Horn, bred and exhibited by B. Waddel, Marion, O.; dropped July 15, 1885; sire, 1st Duke of Greenwood, No. 3; dam, ¾ grade Short-Horn.

153—Challenge, grade Hereford, bred and exhibited by Jas. A. Funkhouser, Plattsburg, Mo.; dropped January 14, 1885; sire, Invincible 5245; dam, ⅞ grade Short-Horn.

154—Curtis, grade Hereford, bred and exhibited by Jas. A. Funkhouser, Plattsburg, Mo.. dropped January 25, 1885; sire, Invincible 5245; dam, ½ grade Short-Horn.

155—Chromo, grade Hereford, bred and exhibited by Jas. A. Funkhouser, Plattsburg, Mo.; dropped January 26, 1885; sire, Invincible 5245; dam, ½ grade Short-Horn.

156—Clinton, grade Hereford, bred and exhibited by Jas. A. Funkhouser, Plattsburg, Mo.; dropped February 8, 1885; sire, Invincible 5245; dam, ¾ grade Short-Horn.

157—Conquest, grade Hereford, bred and exhibited by Jas. A. Funkhouser, Plattsburg, Mo.; dropped February 21, 1885; sire, Invincible 5245; dam, ¾ grade Short-Horn.

158—Monarch, grade Short-Horn, exhibited by Frank Willson, Jackson, Mich.; bred by W. A. Higgins, Jackson, Mich.; dropped January 20, 1885; sire, Duke of Dexter; dam, ¾ grade Short-Horn.

159—Express, grade Hereford, bred and exhibited by J. R. Price & Son, Williamsville; dropped December 1, 1884; sire, Pedro; dam, ½ grade Short-Horn.

160—Excelsior, grade Hereford, bred and exhibited by J. R. Price & Son, Williamsville; dropped January 1, 1885; sire, Sangamon; dam, ½ grade Short-Horn.

Lot. 8—All Breeds and Grades by Ages.

Steer or Spayed Cow 3 *and under* 4 *years—*3 *entries.*

Steer or Spayed Heifer 2 *and under* 3 *years—*4 *entries.*

Steer or Spayed Heifer 1 *and under* 2 *years—*4 *entries.*

Steer or Spayed Heifer under 1 *year—*3 *entries.*

Lot 9—Sweepstakes.

Best Animal shown in Lot 1—Short-Horn—4 entries.

Best Animal shown in Lot 2—Herefords—3 entries.

Best Animal shown in Lot 3—Devons—No entry.

Best Animal shown in Lot 4—Aberdeen-Angus—4 entries.

Best Animal shown in Lot 5—Holstein or Friesian—No entry.

Best Animal shown in Lot 6—Grades or Crosses—5 entries.

Best Animal shown in Lot 7—Range Cattle—No entry.

Lot 10—Grand Sweepstakes.

Best Steer, Barren Cow or Spayed Heifer in the Show—7 entries.

161—Lilly Airdrie 2d, Short-Horn, bred and exhibited by Wm. Millar, Mattoon; dropped March 16, 1878; sire, Abe Renick 49632; dam, Lilly Sheridan.

162—Rose Culver, Short-Horn, exhibited by W. G. Snyder, Henry; bred by Judge Culver, Pontiac; dropped April 13, 1878; sire, Young Traveler 47289; dam, Lilla.

163—Grace, Hereford, bred and exhibited by Swan Bros., Indianola, Ia.; dropped June 20, 1881; sire, Landlord 4465; dam, Countess 5th 10847.

Lot 11—Pen of Cattle.

Five Steers or Spayed Cows 3 and under 4 years—8 entries

164—Davie, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped July 30, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

165—Lookover, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped April 28, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

166—Adams, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped April 10,1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

167—Pointover, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped March 12, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

168 -Red Jacket, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped January 20, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

169—Ben, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by LaFayette Funk, Shirley; dropped July 13, 1882; sire, Short-Horn; dam, 15-16 grade Short-Horn.

170—Benbow's Prize, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by W. W. Benbow, Meriden, Ill.; dropped May 30, 1882; sire, Short-Horn; dam, ⅞ grade Short-Horn.

171—Rettie, Short-Horn-Angus, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by L. Longmore, Rettie, (near Bauff) Scotland; dropped January 6, 1882; sire, Victor Havering (40863); dam, Lady Walker.

172—MacKessack, Angus-Short-Horn, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by John Cattell, Fowes, Scotland; dropped March 15, 1882; sire, Angus; dam, Short-Horn.

173—Kinloss, Angus-Short-Horn, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by John Cattell, Fowes, Scotland; dropped April 15, 1882; sire, Angus; dam, Short-Horn.

Five Steers or Spayed Heifers 2 and under 3 years—7 entries.

174—Fisher, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped January 2, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

175—York, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped August 1, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

176—Skipper, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped August 4, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

177—Abel, grade Short-Horn, bred and exhibited by John P. Gillett, Elkhart; dropped January 3, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

178—Jerry, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by J. R. Price & Son., Williamsville; dropped February 25, 1883; sire, Regulus 2d 6089; dam, ¾ grade Short-Horn.

179—Victor, Short-Horn, exhibited by John B. Sherman, Chicago; bred by Wm. Sandusky, Indianola; dropped January 17, 1883; sire, Baron Booth 3d 34436; dam, New Year's Day Belle.

180—Greenview, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by John Enp, Greenview; dropped March 25, 1883; sire, Short-Horn; dam, ¾ grade Short-Horn.

181—Red Knight, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by Abram Mann, Rossville; dropped May 15, 1883; sire, Short-Horn; dam, ⅞ grade Short-Horn.

Five Steers or Spayed Heifers 1 *and under* 2 *years—5 entries.*

182—George, grade Hereford, bred and exhibited by Seabury & Sample, Lafayette, Ind.; dropped January 4, 1884; sire, Whistler; dam, Hereford-Short-Horn.

183—Royal, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped January 3, 1884; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

184—Morris, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped July 28, 1884; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

185—Tom, grade Hereford, bred and exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; dropped September 4, 1884; sire, Duke of Tuscour 7772; dam, ½ grade Short-Horn.

186—Jerry, Grade Hereford, bred and exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; dropped September 15, 1884; sire, Duke of Tuscour 7772; dam, ½ grade Short-Horn.

Five Steers or Spayed Heifers under 1 *year—3 entries.*

Lot 12—Dressed Carcass.

Steer or Spayed Cow 3 *and under* 4 *years—13 entries.*

Steer or Spayed Heifer 2 *and under* 3 *years—15 entries.*

187—Faith, grade Hereford, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped March 24, 1883; sire, Hereford; dam, ¾ grade Short-Horn.

Steer or Spayed Heifer 1 *and under* 2 *years—11 entries.*

188—Rosy, Sussex, exhibited by Overton Lea, Nashville, Tenn.; bred by E. & A. Stanford, Steyning, Eng.; dropped December 6, 1883; sire, Duke of Ashurst (457); dam, Rose Dew 6th (2290).

Lot 13—Carcass Prizes.

Carcass furnishing largest per cent. of edible meat—39 entries.

Carcass furnishing largest per cent. of net to gross weight—39 entries.

Lot 14—Dressed Carcass—Sweepstakes.

Steer or Spayed Heifer any age—4 entries.

Lot 15—Heaviest Fat Steer.

Open to all ages—11 *entries.*

189—Jim, grade Short-Horn, exhibited by A. A. Noyes, Steamboat Rock, Ia.; bred by E. H. Holt, Grundy Center, Ia.; dropped March 28, 1880; sire, Short-Horn; dam, ¼ grade Short-Horn.

190—Geo. Fox, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by J. C. Black, Fort Dodge, Ia.; dropped May 15, 1880; sire, Short-Horn; dam, ⅞ grade Short-Horn.

181—J. H. Truman, Short-Horn, exhibited by John B. Sherman, Chicago; bred by Wm. Sandusky, Indianola; dropped April 19, 1880; sire, Short-Horn; dam, Short-Horn.

192—White Cloud, Short-Horn, exhibited by John B. Sherman, Chicago; bred by Isaac Fiery, Edinburgh; dropped February 1, 1881; sire, Short-Horn; dam, Short-Horn.

193—Sandy, West Highlander, exhibited by John B. Sherman, Chicago; bred by Duke of Argyle, Scotland; dropped June 15, 1885; sire, West Highlander; dam, West Highlander.

194—Scottish Prize, Hereford-West Highlander, exhibited by John B. Sherman, Chicago bred by Lou Hastings, Iowa; dropped April 25, 1884; sire, Hereford; dam, West Highlander.

195—Mammoth, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart dropped July 10, 1880; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

Lot 16—Gain per Day.

Steer or Spayed Cow showing the greatest average gain per day, including weight at birth—3 and under 4 years—15 *entries.*

Steer or Spayed Heifer 2 and under 3 years—20 *entries.*

Steer or Spayed Heifer 1 and under 2 years—17 *entries.*

Steer or Spayed Heifer under 1 year—15 *entries.*

Lot 17—Cost of Production.

Steer or Spayed Cow 3 and under 4 years—3 *entries.*

Steer or Spayed Heifer 2 and under 3 years—2 *entries.*

Steer or Spayed Heifer 1 and under 2 years—4 *entries.*

Steer or Spayed Heifer under 1 year—5 *entries.*

Section 2—Dairy Breeds.

JOHN P. REYNOLDS, Superintendent.

Lot 18—Holstein or Friesian.

Bull 3 years old or over—3 *entries.*

196—Solon Prince 1096, bred and exhibited by Thomas B. Wales, Jr., Iowa City, Ia.; dropped March 1, 1882; sire, Jaap (452); dam, Betjee (730.)

197—Netherland Prince 716, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; bred by A. C. Koning, Beemster, N. H.; dropped April 1, 1880; sire, Schemmel; dam, Lady Netherland 1263.

198—Prince Imperial 1164, bred and exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; dropped April 15, 1882; sire, Netherland Prince 716; dam, Carlotta 1266.

Cow 3 years old or over—16 entries.

199—Jepma 2d 733, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.; dropped January 17, 1879; imported.

200—Tritomia 4004, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.; bred by T. R. Zylstra, Menaldum, Friesland; dropped March 10, 1882; imported.

201—Netherland Baroness 2685, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; bred by Jan Van Der Meer, Beemster, N. H.; dropped March 15, 1877; sire, District Bull of Beemster; dam, Gert Met II.

202—Lady Fay 4470, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; bred by A. C. Melchoir, Twisk, N. H.; dropped March, 1879; sire, Blokker; dam, Marie.

203—Valley Beauty 4562, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; bred by J. Van Dort, Beemster, N. H; dropped spring, 1878; sire, District Bull of Beemster; dam, Van Dort.

204—Netherland Belle 1876, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; bred by Mrs. A. C. Koning, Beemster, N. H.; dropped March 20, 1880; sire, Schemmel; dam, Schatter.

205—Aaggie Cornelia 3d 4342, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; bred by F. Groot, Midwoud, N. H.; dropped March, 1880; sire, Alexander (83); dam, Aaggie Cornelia 4410.

206—Executrix 4401, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.; bred by P, Nes, Midwoud, N. H.; dropped March 15, 1882; sire, Willem (84); dam, Stapel.

207—Alexander's Queen 6998, exhibited by Smiths, Powell & Lamb, Syracuse, N.Y.; bred by Jan Koster Ky, Midwoud, N. H.; dropped February 27, 1882; sire Alexander (83); dam, Zijp.

208—Meika 395, exhibited by Geo. E. Brown & Co., Aurora: dropped February, 1876: imported.

209—Filligree 784, exhibited by George E. Brown & Co., Aurora; dropped March 13, 1877; imported.

210—Iradne 1938, exhibited by Geo. E. Brown & Co., Aurora; bred by C. Wydnes, Opperdoes, North Holland; dropped February 3, 1881: imported.

211—Sluitje 5872, exhibited by Geo. E. Brown & Co., Aurora; bred by C. Blauw, Magnum, North Holland; dropped March 19, 1882; imported.

212—Sealskin 8659, exhibited by Geo. E. Brown & Co., Aurora; bred by A. de Goede, Purmerend, North Holland; dropped March 10, 1881; imported.

213—Lady Wheatland 10128, exhibited by George E. Brown & Co., Aurora; bred by A. C. Melchoir, Twisk, North Holland; dropped March 2, 1879: imported.

214—Lady Van Tiel 10131, exhibited by Geo. E. Brown & Co., Aurora: dropped March 10, 1881; imported.

Lot 19—Ayrshire.

Bull 3 years old or over—3 entries.

215—Duke of Illinois 2959, bred and exhibited by John Stewart, Blackberry: dropped December 13, 1880; sire, Grant 2284; dam, Lady Jane 2665.

216—Premer 2321, exhibited by Wm. Fairweather, McLane, Penn.; bred by Oneida Community, Oneida, N. Y.; dropped April 11, 1878; sire, Kilmarnock 1245; dam, Princess Belle 3741.

217—Dunkeld 2951, bred and exhibited by William Fairweather, McLane, Pa.; dropped April 10, 1882; sire, Excelsior 1758; dam, Mollie Pender 4351.

Cow 3 or over—6 entries.

218—Maid of Compton 6463, bred and exhibited by John Stewart, Blackberry; dropped October 29, 1880; sire, Lincoln 2285; dam, Blackberry Maid 4891.

219—Crummy, bred and exhibited by John Stewart, Blackberry; dropped September, 1878; sire, Grant 2284; dam Hattick 4393.

220—Ayrshire Ellen 4890, bred and exhibited by John Stewart, Blackberry; dropped March 10, 1875; sire, George 3d 1154; dam, Lady Ellen 2652.

221—Spotty G. 4900, bred and exhibited by John Stewart, Blackberry; dropped May 30, 1878; sire, Grant 2284; dam, Ayrshire Ellen 4890.

222—Lady Suffolk 5795, exhibited by William Fairweather, McLane, Pa.; bred by Herbert Merriam, Weston, Mass.; dropped June 22, 1880; sire, Harold 2046; dam, Lady Essex 3d 3595.

223—Violet 6th 5204, exhibited by William Fairweather, McLane, Pa.; bred by James Brodie & Son, Rural Hill, N. Y.; dropped March 29, 1880; sire, Duke of Hamilton 2d 2354; dam, Violet 4222.

Lot 20—Jersey.

Bull 3 or over—3 entries.

224—Talcott 4745, exhibited by George F. Davis, Dyer, Ind.; bred by J. F. Miller, Richmond, Ind.; dropped March 7, 1880; sire, Cash Boy 2248; dam, Rosa Gamp 2732.

225—Jumbo 3137, exhibited by E. H. Bierer, Rockford; bred by B. F. Phillips, Searight, Pa.; dropped March 5, 1882; sire, Clover Duke 3085; dam, Topsy 4761.

226—Duke of Willow Grove 4813, exhibited by Frank H. Johnson, South Bend, Ind.; bred by J. A. Hoyt; dropped May 2, 1879; sire, Grand Duke Alexis 1040; dam, Clytemnestra 2d 5868.

227—Little Patience 18250, exhibited by Frank H. Johnson, South Bend, Ind.; bred by G. Blanchard & Bro., Cumberland Center, Md.; dropped February 25, 1882; sire, Whip 2d 5435; dam, Vivalia 12760.

228—Luna Bell 2d 15461, exhibited by Frank H. Johnson, South Bend, Ind.; bred by Mrs. Rachel Wallace, Indianapolis, Ind.; dropped November 20, 1880; sire, Scotchunder 1790; dam, Luna Bell 7403.

229—Gold Trinket 9518, exhibited by Seth Williams, Elmhurst; bred by W. J. Chinn, Frankfort, Ky.; dropped January 11, 1879; sire, Orange Skin 1216; dam, Azelda 3872.

230—Silver Hill 20905, exhibited by Seth Wadhams, Elmhurst; bred by L. M. Fair, Wallingford, Conn.; dropped December 28, 1882; sire, Champion of Hill Top 1339; dam, Silveretta 6852.

Lot 21—Other Pure Dairy Breeds.

Bull 3 or over—No entry.

Cow 3 or over—No entry.

CLASS B—HORSES.

Section 1—Heavy Horses.

DAVID GORE—*Superintendent.*

Lot 22—Norman Percheron.

French Draft Stallions over 2 years old, imported in 1885, owned by one party—3 entries.

231—Franceur 3403, exhibited by Bowles & Hadden, Janesville, Wis.; foaled 1881.

232—Mirras 3400, exhibited by Bowles & Hadden, Janesville, Wis.; foaled 1880.

233—Eugene 3402, exhibited by Bowles & Hadden, Janesville, Wis.; foaled 1881.

234—Tonquero 3409, exhibited by Bowles & Hadden, Janesville, Wis.; foaled 1883.

235—Jolly 3408, exhibited by Bowles & Hadden, Janesville, Wis.; foaled 1883.

236—LeFard 3387, exhibited by J. C. Duncan, Normal; foaled 1881.

237—Fleuron 3388, exhibited by J. C. Duncan, Normal; foaled 1882.

238—Blondeau 3397, exhibited by J. C. Duncan, Normal; foaled 1880.

239—Charles 3390, exhibited by J. C. Duncan, Normal; foaled 1882.

240—Duclin 3386, exhibited by J. C. Duncan, Normal.

241—King, exhibited by Degen Bros., Ottawa; foaled 1880.

242—Tritoma, exhibited by Degen Bros., Ottawa; foaled 1882.

243—Galage 2d, exhibited by Degen Bros., Ottawa; foaled 1881.

244—Waterloo, exhibited by Degen Bros., Ottawa; foaled 1880.

245—Rateny, exhibited by Degen Bros., Ottawa; foaled 1881.

Stallion 3 years old or over—32 entries.

246—Leisure B. 467, bred and exhibited by Dillon Bros., Normal; foaled 1880; sire, St. Laurent 753; dam, Evelena B. 934.

247—Valmonte 2426, exhibited by Dillon Bros., Normal; imported; foaled 1882; sire, Oases 1011.

248—Calculator 1138, exhibited by Dillon Bros., Normal; imported; foaled 1881.

249—Ismay 2160, exhibited by Dillon Bros., Normal; imported; foaled 1881.

250—Confident 397 (3647), exhibited by R. Nagle & Sons, Grand Ridge; bred by Auguste Tacheau, LaFerte Barnard, France; foaled 1831; sire, Brilliant 755 (1271); dam, Rose.

251—Avata 912 (1966), bred and exhibited by R. Nagle & Sons, Grand Ridge; foaled 1878; sire Nogent 729 (938); dam by Bayard 717 (26).

252—Bramble 925 (1967), bred and exhibited by R. Nagle & Sons, Grand Ridge; foaled 1880; sire, Brilliant 755 (1271); dam by Decide 720 (126).

253—Sultan 144, exhibited by David Grant, Cedar Rapids, Ia.; foaled March 10, 1880; imported.

254—The Right Sort, exhibited by Jas. A. Perry, Wilmington; imported.

255—San Antonio, exhibited by Jas. A. Perry, Wilmington; foaled 1881; imported.

256—Chicago, exhibited by Jas. A. Perry, Wilmington; foaled 1831; imported.

257—Honest Tom, exhibited by Jas. A. Perry, Wilmington; foaled 1881; imported.

258—Mellican Man, exhibited by Jas. A. Perry, Wilmington; foaled 1880; imported.

259—Teeshy, exhibited by Degen Bros., Ottawa; foaled 1882; imported.

260—Fearless, exhibited by John Virgin, Fairbury; foaled 1878; imported.

261—Utah 1572, exhibited by John Virgin, Fairbury; foaled 1882; imported.

262—Money Maker 2101, exhibited by John Virgin, Fairbury; foaled 1880; imported.

263—Vandolah 1580, exhibited by John Virgin, Fairbury; foaled 1882; imported.

264—High Court 3443, exhibited by John Virgin, Fairbury; foaled 1832; imported.

Stallion 2 and under 3 years—3 entries.

265—Arctic 3442, exhibited by John Virgin, Fairbury; foaled 1883; imported.

Lot 23—Clydesdale.

Stallion 3 years old or over—12 entries.

266—Brandane 2101, exhibited by Galbraith Bros., Janesville, Wis.; bred by James Connell Bute, Scotland; foaled 1877; sire, Prince Victor (652); dam, Rosie.

267—Hector 2475, exhibited by Galbraith Bros., Janesville, Wis., bred by Wm. McTier' Glenluce, Scotland; foaled 1882; sire, Pride of Dunlop (1244); dam, Kate of the Machair (343).

268—Scottish Lad 4009, exhibited by Blair Bros. & Curry, Aurora; bred by Mr. McDonald, Dunfermline, Scotland; foaled 1881; sire, King David; dam by Glancer.

269—Bright Laddie 3465, exhibited by Blair Bros. & Curry, Aurora; bred by C. Mitchell, Inch Wegtonshire, Scotland; foaled 1882; sire, Honor Bright (1639); dam, Bet Mitchell (3791).

270—Prince of Monreith, exhibited by David Grant, Cedar Rapids, Ia.: bred by Sir Herbert Maxwell, Wigtonshire, Scotland; foaled 1881; sire, Topsman (885); dam, Jean.

271—Prince William, exhibited by David Grant, Cedar Rapids, Ia.; bred by Wm. Rodger, The Crook, Mearus, Scotland; foaled 1882; sire, Young Lord Lyon (826); dam, Nancy.

272—Young Dunlop (3312), exhibited by David Grant, Cedar Rapids, Ia.; bred by Alex. Dounan, Wigtonshire, Scotland; foaled 1882; sire, Pride of Dunlop (1952); dam, Ann of High Ersock (1189).

273—Nonesuch 251, bred and exhibited by Wm. Moffatt & Bro., Paw Paw; foaled June, 1877; sire, imported Donald Dinnie (1116); dam, Darling V 166.

274—True Bill 2091, exhibited by Wm. Moffatt & Bro., Paw Paw; bred by Wm. Todd, Balsair, Wigtonshire, Scotland; foaled June 12, 1882; sire, Viceroy (1337); dam, Bess (1087).

275—Culraven 2095, exhibited by Wm. Moffatt & Bro., Paw Paw; bred by Wm. Roy, Kirkbride, Kerkendbright, Scotland; foaled May, 1882; sire, Viscount (1857); dam, Culraven Nannie.

276—President Arthur 1219, bred and exhibited by Wm. Moffatt & Bro., Paw Paw; foaled September 22, 1882; sire, Johnnie Lad (1155); dam, Black Beggyn 213.

277—Glencoe 158, exhibited by H. A. Treadwell, Elgin; bred by J. N. Fleming, Maybole, Ayrshire, Scotland; sire, Prince of Wales 487 (673); dam, Empress.

Stallion 2 and under 3 years—2 entries.

278—Freemason 2473, exhibited by Galbraith Bros., Janesville, Wis.; bred by R. Wilson, Maybole, Scotland; foaled 1883; sire, What Care I (912); dam, Doll of Burnton (3120).

279—American Commander 2066, bred and exhibited by Wm. Moffatt & Bro., Paw Paw; foaled July 3, 1883; sire, imported Earl of Ellington (1644); dam, Darling XI 256.

Lot 24—English Shire.

Stallion 3 years old or over—4 entries.

280—Beau Nash (2978), exhibited by Galbraith Bros., Janesville, Wis.; bred by Geo. Street, Maulden, England; foaled 1881; sire, Beauchieff (116); dam, Cardiff Lass, Vol. 3.

281—Garfit (3093), exhibited by Galbraith Bros., Janesville, Wis.; bred by J. Garfit, Mansfield, Eng.; foaled 1882; sire, Don Carlos (2416); dam, Smart, by Lincolnshire Lad (1196).

282—Blythe Revenue, exhibited by Blair Bros. & Curry, Aurora; bred by E. Smith, Bantry, England; foaled 1882; sire, Roan Boxer (1861); dam, by Heart of Oak (1006).

283—Holland Major 3135, exhibited by Geo. E. Brown & Co., Aurora; bred by Earl of Warwick, Warwick, Eng.; foaled, 1882; sire, Right Sort 2483; dam, Kingston Smart, Vol. IV.

Stallion 2 and under 3 years—2 entries.

284—British Flag (3192), exhibited by Galbraith Bros., Janesville, Wis.; bred by T. Walsh, Fleetwood, Eng.; foaled, 1883; sire, What's Wanted (2332); dam, Judy by Sir James 4039.

285—Blythe Napoleon, exhibited by Blair Bros. & Curry, Aurora; bred by Joseph Smith, Preston, Eng.; foaled, 1883; sire, Pompey (2644); dam, by Honest Tom (1105).

Section 2—Light Horses.

E. C. LEWIS—*Superintendent.*

Lot 24½—Miscellaneous.

Roadster Mare or Gelding—13 entries.

286—Frank, exhibited by Dillon Bros., Normal; bred by D. H. Vandolah, Lexington; foaled, 1881; sire, Brown's Arabian; dam, by Idaho.

287—Charlie, exhibited by Dillon Bros., Normal; bred by D. H. Vandolah, Lexington; foaled, 1881; sire, Brown's Arabian; dam, by Idaho.

288—Dandy, exhibited by Geo. H. Covert, Chicago; bred by James C. Pineo, Smithboro; foaled, 1877; sire, Black Pilot; dam, Princess.

289—Jeanette, bred and exhibited by Caton Stock Farm, Joliet; foaled, April 15, 1882; sire, Don Cossack 980; dam, Lottie.

290—Cossack Maid, bred and exhibited by Caton Stock Farm, Joliet; foaled August 29, 1882; sire, Don Cossack 980; dam, Louisville Maid.

291—Lady Cossack, bred and exhibited by Caton Stock Farm, Joliet; foaled April 11, 1883; sire, Don Cossack 980; dam, Surmise.

292—Sarah Cossack, bred and exhibited by Caton Stock Farm, Joliet; foaled March 30, 1883; sire, Don Cossack 980; dam, Kate Carmen.

293—Don Raven, exhibited by J. Irving Pearce, Jr., Chicago; foaled, 1878.

294—Bay Prince, exhibited by J. Irving Pearce, Jr., Chicago; bred by ....., Lexington, Ky.; foaled, 1878; sire, Whalebone, Jr.; dam, by Halcorn 2d.

295—Pat Quin, exhibited by H. A. Treadwell, Elgin; foaled, spring, 1880; sire, Mountain Chief.

296—Garrard, exhibited by H. A. Treadwell, Elgin; foaled, spring, 1879; sire, Richmond Boy.

297—Hennepin Maid, exhibited by Caton Stock Farm, Joliet.

298—Michigan, exhibited by Caton Stock Farm, Joliet.

Pair Carriage Horses, Mares or Geldings—2 entries.

299—Chauncey, exhibited by J. Irving Pearce, Jr., Chicago.

Saddle Horse—4 entries.

300—Lady Wilmington, exhibited by J. Irving Pearce, Jr., Chicago; bred by Jas. Whitten, Wilmington; foaled, 1876; sire, Lochiel; dam, by Duke of York.

301—Mambrino Prince, exhibited by Geo. H. Covert, Chicago; sire, Garrard Chief; dam, by Drennon.

Shetland Pony—2 entries.

302—Tom Thumb, exhibited by Galbraith Bros, Janesville, Wis.; foaled 1879.

303—Tommy Dodd, exhibited by Galbraith Bros, Janesville, Wis.; foaled 1882.

Saddle Pony—1 entry.

304—Dan, exhibited by Peter Schuttler, Jr., Chicago; foaled 1880.

CLASS C—SHEEP.

D. W. VITTUM, JR., *Superintendent.*

Lot 25—Southdown.

Wether 2 years old or over—5 entries.

305—Barney, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped April 1, 1883; sire, Charlie 59; dam, Southdown.

306—Pet, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped, April 1, 1883; sire, Charlie 59; dam, Southdown.

307—Charlie, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped April 1, 1883; sire, Southdown; dam, Southdown.

308—Fred, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped April 1, 1883; sire, Southdown; dam, Southdown.

309—Pat, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped April 1, 1883; sire, Southdown; dam, Southdown.

Wether 1 *and under* 2 *years*—10 *entries.*

310—Dandy, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 27, 1884; sire, Victor; dam, Victoria.

311—Victor, exhibited by W. D. and L. C. Anderson, Anderson, O.; bred by L. C. Anderson, Anderson, O.; dropped March 9, 1884; sire, Graddy 240; dam, Oak Leaf.

312—Bob, bred and exhibited by J. H. Potts & Son, Jacksonville, dropped February 14, 1884; sire, Southdown; dam, Southdown.

313—No. 56, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped February 8, 1884; sire, Southdown; dam, Southdown.

314—Frank, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped March 25, 1884; sire, Southdown; dam, Southdown.

315—Joe, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped March 25, 1884; sire, Southdown; dam, Southdown.

316—Dan, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped March 25, 1884; sire, Southdown; dam, Southdown.

317—Abraham, bred and exhibited by E. and A. Stanford, Steyning, Eng.; dropped March 24, 1884; sire, Son of Leeds; dam, Southdown.

318—Albert, bred and exhibited by E. and A. Stanford, Steyning, Eng.; dropped March 24, 1884; sire, Son of Leeds; dam, Southdown.

319—Arthur, bred and exhibited by E. and A. Stanford, Steyning, Eng.; dropped March 3, 1884; sire, Son of Leeds; dam, Southdown.

Wether under 1 *year*—5 *entries.*

320—Big Ben, bred and exhibited by E. and A. Stanford, Steyning, Eng.; dropped February 17, 1885; sire, Southdown; dam, Southdown.

321—Billy, bred and exhibited by E. and A. Stanford, Steyning, Eng.; dropped February 27, 1885; sire, Southdown; dam, Southdown.

322—Bertie, bred and exhibited by E. and A. Stanford, Steyning, Eng.; dropped February 26, 1885; sire, Southdown; dam, Southdown.

323—Ben, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped April 10, 1885; sire, Southdown; dam, Southdown.

324—Al, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped March 15, 1885; sire, Southdown; dam, Southdown.

Lot 26—Shropshire.

Wether over 2 *years*—5 *entries.*

325—Dick, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Mr. Bird, Hereford, Eng.; dropped March 10, 1882; sire, Hero; dam, Bell.

326—Sampson, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich,; dropped March 3, 1883; sire, Pride of Arlescott; dam, Young Mary.

327—John L., exhibited by Frank Willson, Jackson, Mich.; bred by John Leicester, Jersey, Mich.; dropped March 28, 1883; sire, Shropshire; dam, Shropshire.

328—Walter G., exhibited by Frank Willson, Jackson, Mich.; bred by John Leicester, Jersey, Mich.; dropped March 23, 1883; sire, Shropshire; dam, Shropshire.

329—Hazless, exhibited by John Rutherford, Roseville, Ont.; bred by Geo. Hazless, Strasburg, Ont.; dropped March 15, 1883; sire, Shropshire; dam, Shropshire.

Wether 1 *and under* 2 *years*—4 *entries.*

330—Pug, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 3, 1884; sire, Duke; dam, Duchess 2d.

331—Lorne, exhibited by John Rutherford, Roseville, Ont.; bred by Mr. Shoemaker, Dundee, Ont.; dropped April 10, 1884; sire, Shropshire; dam, Shropshire.

332—Lee, bred and exhibited by B. Waddel, Marion, O.; dropped December 20, 1883; sire, Enterprise 2018; dam, by His Lordship 669.

333—Joe, bred and exhibited by B. Waddel, Marion, O.; dropped December 20, 1883; sire, Enterprise 2018; dam, by His Lordship 669.

Wether under 1 year—1 entry.

334—George, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 2, 1885; sire, Duke; dam, Favorite.

Lot 27—Hampshire.

Wether over 2 years old—4 entries.

335—Frank, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 7, 1882; sire, Wouston; dam, Maud.

336—Farmer, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 1, 1883; sire, Wouston; dam, Forest Queen.

337—Rob't K., bred and exhibited by Frank Willson, Jackson, Mich.; dropped March 14, 1882; sire, Hampshire; dam, Hampshire.

338—Charlie, exhibited by John Rutherford, Roseville, Ont.; bred by Mr. Glennie, Guelph, Ont.; dropped April 16, 1883; sire, Hampshire; dam, Hampshire.

Wether 1 and under 2 years—2 entries.

339—Hero, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 24, 1884; sire, Sirroger; dam, Susan.

340—Duke, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 21, 1884; sire, Sirroger; dam, Michigan Bell.

Wether under 1 year—6 entries.

341—Hampton, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 1, 1885; sire, Sirroger; dam, White Rose.

342—Ruby, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 13, 1885; sire, Sirroger; dam, Blue Bell.

343—Bedford, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 19, 1885; sire, Sirroger; dam, Tiny.

344—Keene, exhibited by Frank Willson, Jackson, Mich.; bred by H. Perry Keene, Roufant Cranly, Sussex, Eng.; dropped March 4, 1885; sire, Hampshire; dam, Hampshire.

345—Frank, bred and exhibited by Frank Willson, Jackson, Mich.; dropped April 13, 1885; sire, Hampshire; dam, Hampshire.

346—Black Bill, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 28, 1885; sire, Hampshire; dam, Hampshire.

Lot 28—Oxford.

Wether over 2 years old—4 entries.

347—Brassy, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Richard Brassy, Chiping Norton, Eng.; dropped March 3, 1883; sire, Druid; dam, Quality.

348—Perfection, bred and exhibited by Stone & Loake, Stonington; dropped April 20, 1883; sire, Imported Bedford 610; dam, Treadwell ewe.

349—Economy, bred and exhibited by Stone & Loake, Stonington; dropped April 28, 1883; sire, Imported Bedford 640; dam, Phipp ewe.

350—Jumbo, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 20, 1882; sire, Oxford; dam, Oxford.

Wether 1 and under 2 years—No entry.

Wether under 1 year—4 entries.

351—Druce, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped July 8, 1885; sire, Garnet; dam, Star.

352—Champion, bred and exhibited by Stone & Loake, Stonington; dropped April 26, 1885; sire, Imported Lord Derby 639; dam, Street ewe.

353—Tuck, bred and exhibited by Stone & Loake, Stonington; dropped April 30, 1885; sire, Imported Lord Derby 639; dam, Treadwell ewe.

354—Perry, exhibited by Frank Willson, Jackson, Mich.; bred by Robt. Craig, Brantford, Ont.; dropped April 12, 1885; sire, Oxford; dam, Oxford.

Lot 29—Cotswold.

Wether over 2 years—5 entries.

355—Mat, exhibited by Frank Srout, McLean; bred by John Yeoman, England; dropped March 12, 1882; sire, Cotswold; dam, Cotswold.

356—Prince, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 10, 1883; sire, Model; dam, Beauty.

357—Jumbo, bred and exhibited by B. Waddel, Marion, O.; dropped April 10, 1883; sire, Duke of York 166; dam by Imported Marquis of Bath.

358—Peter, bred and exhibited by B. Waddel, Marion, O.; dropped June 1, 1883; sire, Duke of York 166; dam by Imported Marquis of Bath.

359—Wonder, exhibited by Frank Willson, Jackson, Mich.; bred by Robt. Craig, Brantford, Ont.; dropped March 16, 1882; sire, Cotswold; dam, Cotswold.

Wether 1 and under 2 years—5 entries.

360—Curley, exhibited by Frank Srout, McLean; bred by Jas. Curry, Beason; dropped April 1, 1884; sire, Cotswold; dam, Cotswold.

361—Turpin, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 9, 1884; sire, Model; dam, Princess.

362—Burry, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 5, 1884; sire, Model; dam, Clifton.

363—Baker, exhibited by Stone & Loake, Stonington; bred by V. A. Baker, Stonington; dropped April 6, 1884; sire, Imported Hero; dam, Imported Yeoman ewe.

364—Jack, exhibited by Stone & Loake, Stonington; bred by V. A. Baker, Stonington; dropped April 15, 1884; sire, Imported Hero; dam, Imported Yeoman ewe.

Wether under 1 year—3 entries.

365—Henry, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 2, 1885; sire, Noble Boy; dam, Logan.

366—Joe, exhibited by Frank Willson, Jackson, Mich.; bred by J. G. Snell & Bro., Edmonton, Ont.; dropped April 4, 1885; sire, Cotswold; dam, Cotswold.

367—Dick, exhibited by Frank Willson, Jackson, Mich.; bred by J. G. Snell & Bro., Edmonton, Ont.; dropped April 9, 1885; sire, Cotswold; dam, Cotswold.

Lot 30—Leicester.

Wether over 2 years—4 entries.

368—Joe, exhibited by Frank Srout, McLean; bred by Jos. Brown, Decatur; dropped April 1, 1882; sire, Leicester; dam, Leicester.

369—Will, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 25, 1883; sire, Knightly; dam, Kate.

370—John, bred and exhibited by B. Waddel, Marion, O.; dropped April 12, 1883; sire, John Columbus 3d; dam, by Lord Harlbeck 160.

371—Curly Jim, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 15, 1882; sire, Leicester; dam, Leicester.

372—Dick, bred and exhibited by John Rutherford, Roseville, Ont; dropped May 10, 1883; sire, Leicester; dam, Leicester.

Wether 1 and under 2 years—3 entries.

373—Lue, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich; dropped April 3, 1884; sire, Knightly; dam, Bell 3d.

374—Rob Roy, bred and exhibited by John Rutherford, Roseville, Ont; dropped April 20, 1884; sire, Leicester; dam, Leicester.

375—Honest Gazier, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 20, 1884; sire, Leicester; dam, Leicester.

Wether under 1 year—2 entries.

376—Jake, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 3, 1885; sire, Pilot; dam, Severn.

377—Smith, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 20, 1885; sire, Leicester; dam, Leicester.

Lot 31—Lincoln.

Wether over 2 years—3 entries.

378—Duke, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 29, 1883; sire, Claret; dam, Rebecca.

379—James Brown, bred and exhibited by John Rutherford, Pontiac, Mich.; dropped May 15, 1883; sire, Lincoln; dam, Lincoln.

380—Robin Hood, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 11, 1883; sire, Lincoln; dam, Lincoln.

Wether 1 year old and under 2—4 entries.

381—Jack, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 27, 1884; sire, Claret; dam, Sovereign.

382—Victor, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 26, 1884; sire, Lord Burwick; dam, Old Pretty Maid.

383—Master Bill, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 10, 1884; sire, Lincoln; dam, Lincoln.

384—Prof. Hobbs, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 11, 1884; sire, Lincoln; dam, Lincoln.

Wether under 1 year—2 entries.

385—Pride, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 2, 1885; sire, Lord Burwick; dam, Milton.

386—Peter, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 10, 1885; sire, Lincoln; dam, Lincoln.

Lot 32—Grades and Crosses.

Wether over 2 years old—11 entries.

387—Harvey, exhibited by Frank Srout, McLean; dropped April 1, 1882.

388—Jerry, Hampshire-Cotswold, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 3, 1883; sire, Wouston; dam, Pilot.

389—Blaine, Hampshire-Cotswold, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 1, 1883; sire, Wouston; dam, Silver.

390—Henry, Cotswold-Shropshire, bred and exhibited by B. Waddel, Marion, O.; dropped April 15, 1883: sire, Cotswold; dam, Shropshire.

391—Martin, Cotswold-Shropshire, bred and exhibited by B. Waddel, Marion, O.; dropped April 10, 1883; sire, Cotswold: dam, Shropshire.

392—Hudson, grade Shropshire, exhibited by Stone & Loake, Stonington; bred by J. Hudson, Moweaqua; dropped April 25, 1883; sire, Shropshire; dam, grade Cotswold.

393—Gregory, grade Southdown, exhibited by Stone & Loake, Stonington; bred by G. Gregory, Moweaqua: dropped April 29, 1883; sire, Southdown; dam, native ewe.

394—Dandy, Cotswold-Southdown, exhibited by Frank Willson, Jackson, Mich.; bred by J. G. Snell & Bro., Edmonton, Ont.; dropped April 3, 1883; sire, Cotswold; dam, Southdown.

395—Professor, Shropshire-Leicester, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 25, 1883; sire, Shropshire; dam, Leicester.

396—Sandy, Lincoln-Shropshire, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 26, 1883; sire, Lincoln; dam, Shropshire.

397—Moses, Leicester-Southdown, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 4, 1883; sire, Leicester; dam, Southdown.

Wether 1 *and under* 2 *years*—8 *entries.*

393—Tom, Shropshire-Cotswold, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 5, 1884; sire, Hero; dam, Miss Fitz Pilot.

399—Ben, Shropshire-Southdown, bred and exhibited by B. Waddel, Marion, O.; dropped December 25, 1883; sire, Shropshire; dam, Southdown.

400—Willey, Shropshire-Southdown, bred and exhibited by B. Waddel, Marion, O.; dropped December 25, 1883; sire, Shropshire; dam, Southdown.

401—Bert, Southdown-Cotswold, exhibited by J. H. Potts & Son, Jacksonville; bred by E. M. Chrisman, Merritt; dropped February 12, 1884; sire, Southdown; dam, Cotswold.

402—Curley, grade Oxford, exhibited by Stone & Loake, Stonington; bred by W. Adams, Moweaqua; dropped April 22, 1884; Sire, Oxford; dam, grade Cotswold.

403—Jack, Oxford-Leicester, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 25, 1884; sire, Oxford; dam, Leicester.

404—Tom, Southdown-Leicester, bred and exhibited by John Rutherford, Roseville, Ont.; dropped April 28, 1884; sire, Southdown; dam, Leicester.

405—Bob, Hampshire-Oxford, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 5, 1884; sire, Hampshire; dam, Oxford.

Wether under 1 *year*—8 *entries.*

406—Ned, Shropshire-Leicester, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 10, 1885; sire, Hero; dam, Miss Merryman.

407—Longtail, Leicester-Cotswold, bred and exhibited by B. Waddel, Marion, O.; dropped August 2, 1885; sire, Leicester; dam, Cotswold.

408—Smut, grade Oxford, exhibited by Stone & Loake, Stonington; bred by G. Gregory, Moweaqua; dropped April 27, 1885; sire, Oxford; dam, grade Cotswold.

409—Mack, Cotswold-Southdown, bred and exhibited by Frank Willson, Jackson, Mich.; dropped April 15, 1885; sire, Cotswold; dam, Southdown.

410—Hank, Cotswold-Southdown, bred and exhibited by Frank Willson, Jackson, Mich.; dropped April 15, 1885; sire, Cotswold; dam, Southdown.

411—George, Shropshire-Leicester, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 15, 1885; sire, Shropshire; dam, Leicester.

412—Proudfoot, Southdown-Leicester, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 10, 1885; sire, Southdown; dam, Leicester.

413—Dan, Cotswold-Shropshire, bred and exhibited by John Rutherford, Roseville, Ont.; dropped May 6, 1885; sire, Cotswold; dam, Shropshire.

Lot 33—Pure Bred Middle Wools, by Ages.

Wether over 2 years—4 entries.

Wether 1 and under 2 years—3 entries.

Wether under 1 year—4 entries.

Lot 34--Pure Bred Long Wools, by Ages.

Wether over 2 years—3 entries.

Wether 1 and under 2 years—3 entries.

Wether under 1 year—2 entries.

Lot 35—Sweepstakes.

Wether over 2 years—3 entries.

Wether 1 and under 2 years—2 entries.

Wether under 1 year—2 entries.

Lot 36—Grand Sweepstakes.

Best Wether in the Show—3 entries.

Lot 37—Heaviest Fat Sheep.

Open to all ages—6 entries.

Lot 38—Pen Wethers.

Five Wethers 2 and under 3 years—6 entries.

414—Noble, Leicester, bred and exhibited by B. Waddel, Marion, O.; dropped May 10, 1883; sire, John Columbus 3d; dam, by Lord Harlbeck 161.

415—Hall, grade Southdown, exhibited by Stone & Loake, Stonington; bred by G. Hall, Taylorville; dropped April 20, 1883; sire, Southdown; dam, native ewe.

Five Wethers under 2 years—6 entries.

416—Faut, Shropshire-Southdown, bred and exhibited by B. Waddel, Marion, O.; dropped December 28, 1883; sire, Saropshire; dam, Southdown.

Lot 39—Dressed Carcass.

Wether over 2 years—4 entries.

Wether 1 and under 2 years—4 entries.

Wether under 1 year—1 entry.

Lot 40—Dressed Carcass—Sweepstakes.

Wether any age—3 entries.

Lot 41—Gain per Day.

Wether showing greatest avera.e gain per day including weight at birth—14 entries.

Lot 42—Cost of Production.

CLASS D—SWINE.

E. B. DAVID, *Superintendent.*

Lot 43—Berkshire.

Barrow 12 and under 18 months—1 entry.

417—Bill, exhibited by Frank Srout, McLean; bred by O. Barnard, Bloomington; farrowed May 29, 1884; sire, Ronby 3d; dam, Liverpool Queen.

Barrow under 1 year—2 entries.

418—Scott, exhibited by Frank Srout, McLean; bred by W. C. Harrold, Wapella; farrowed December 1, 1884; sire, Ronby 3d; dam, Miss Grant.

419—Jim, exhibited by Frank Srout, McLean; bred by W. C. Harrold, Wapella; farrowed December 1, 1884; sire, Ronby 3d; dam, Miss Grant.

Lot 44—Poland China.

420—Harry, exhibited by Frank Srout, McLean; bred by Jos. Davis, Heyworth; farrowed May 19, 1884; sire, Jo Ford 2d; dam, Alice.

421—Jock, exhibited by Frank Srout, McLean; bred by Jos. Davis, Heyworth; farrowed May 19, 1884; sire, Jo Ford 2d; dam, Alice.

422—X L 1st, bred and exhibited by J. A. Countryman, Rochelle; farrowed August 27, 1884; sire, Countryman's X L 1923; dam, Poland China.

423—X L 2d, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 11, 1884; sire, Countryman's X L 1923; dam, Poland China.

424—X L 3d, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 11, 1884; sire, Countryman's X L 1923; dam, Poland China.

425—X L 4th, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 14, 1884; sire, Countryman's X L 1923; dam, Poland China.

426—X L 5th, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 16, 1884; sire, Countryman's X L 1923; dam, Poland China.

427—X L 6th, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 16, 1884; sire, Countryman's X L 1923; dam, Poland China.

428—X L 7th, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 19, 1884; sire, Countryman's X L 1923; dam, Poland China.

429—X L 8th, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 19, 1884; sire, Countryman's X L 1923; dam, Poland China.

430—X L 9th, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 20, 1884; sire, Countryman's X L 1923; dam, Poland China.

431—X L 10th bred and exhibited by J. A. Countryman, Rochelle; farrowed September 20, 1884; sire, Countryman's X L 1923; dam, Poland China.

Barrow under 1 year—7 entries.

432—Clements, exhibited by Stone & Loake, Stonington; bred by P. Clements, Stonington; farrowed May 28, 1885; sire, Rattler 2264; dam, Evening Star 3098.

:—Leister, exhibited by Stone & Loake, Stonington; bred by P. Clements, Stonington; farrowed May 28, 1885; sire, Rattler 2263; dam, Evening Star 3098.

434—Lookout, bred and exhibited by J. A. Countryman, Rochelle; farrowed November 24, 1884; sire, Lookout 2263; dam, Poland China.

435—Prince, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 29, 1884; sire, Countryman's X L; dam, Lady Up 4th.

436—Packer, bred and exhibited by J. A. Countryman, Rochelle; farrowed April 17, 1885; sire, Up-and-Up 2557; dam, Poland China.

437—Pearl, bred and exhibited by J. A. Countryman, Rochelle; farrowed April 20, 1885; sire, Up-and-Up 2557; dam, Poland China.

438—Polo, bred and exhibited by J. A. Countryman, Rochelle; farrowed April 20, 1885; sire, Up-and-Up 2557; dam, Poland China.

Lot 45—Chester White.

Barrow 12 and under 18 months—5 entries.

439—Bob, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed May 28, 1884; sire, Short Nose 323; dam, Lady R. 2d 374.

440—Dick, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed May 28, 1884; sire, Short Nose 323; dam, Lady R. 2d 374.

441—Boss, exhibited by S. H. Todd, Wakeman, O.; bred by O. F. Welch, Wakeman, O.; farrowed May 22, 1884; sire, Albert 3d; dam, Lady Wakefield 418.

442—George, exhibited by S. H. Todd, Wakeman, O.; bred by O. F. Welch, Wakeman, O.; farrowed May 22, 1884; sire, Albert 3d; dam, Lady Wakefield 418.

443—Chub, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed August 31, 1884; sire, Short Nose 323; dam, Lady R. 3d.

Barrow under 1 year—4 entries.

444—Tom, exhibited by Frank Srout, McLean; bred by Thomas Frisby, Waynesville; farrowed November 22, 1884; sire, Sampson 2233; dam, Maid 4th 2634.

445—Jake, exhibited by Frank Srout, McLean; bred by Thomas Frisby, Waynesville; farrowed November 22, 1884; sire, Sampson 2233; dam, Maid 4th 2634.

446—Hefty, bred and exhibited by S. H. Todd, Wakeman, O., farrowed March 8, 1885; sire, Grant 4th; dam, Sallie E. 3d.

447—Sam, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed March 8, 1885; sire, Grant 4th; dam, Sallie E. 3d.

Lot 46—Essex.

Barrow 12 and under 18 months—3 entries.

448—Winner, bred and exhibited by E. T. Doney, Jackson, Mich.; farrowed July 1, 1884; sire, Tommy 11th; dam, Jenlin 2d.

449—Tom, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed September 8, 1884; sire, Essex; dam, Essex.

450—Jerry, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed September 8, 1884; sire, Essex; dam, Essex.

Barrow under 1 year—No entry.

Lot 47—Duroc Jersey Red.

Barrow 12 *and under* 18 *months*—4 *entries.*

451—King Jersey, bred and exhibited by B. T. Railsback, Hopedale; farrowed May 15, 1884; sire, Dan Voorhees Jr. 323; dam, Stumpy "P" 832.

452—Cleveland, bred and exhibited by Thomas Bennett, Rossville; farrowed May 3, 1884; sire, Hero 133; dam, Mississippi 700.

453—Blaine, bred and exhibited by Thomas Bennett, Rossville; farrowed May 3, 1884; sire, Hero 133; dam, Mississippi 700.

454—Mugwump, bred and exhibited by Thomas Bennett, Rossville; farrowed May 13, 1884; sire, Hero 133; dam, Minnesota 702.

Barrow under 1 *year*—3 *entries.*

455—Tom D, bred and exhibited by B. T. Railsback, Hopedale; farrowed November 26, 1884; sire, Dan Voorhees, Jr. 323; dam, Beauty D 1432.

456—Progress D, bred and exhibited by B. T. Railsback, Hopedale; farrowed November 26, 1884; sire, Dan Voorhees, Jr. 323; dam, Beauty D 1432.

457—Bruce D, bred and exhibited by B. T. Railsback, Hopedale; farrowed November 26, 1884; sire, Dan Voorhees, Jr. 323; dam, Beauty D 1432.

Lot 48—Yorkshire and Suffolk.

Barrow 12 *and under* 18 *months*—3 *entries.*

458—Snowflake, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 2, 1884; sire, Suffolk; dam, Suffolk.

459—Snowball, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 2, 1884; sire, Suffolk; dam, Suffolk,

460—Jerry 2d, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 3, 1884; sire, Suffolk; dam, Suffolk.

Barrow under 1 *year*—7 *entries.*

461—Sam, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed March 28, 1885; sire, Knight of Mattoon 196; dam, Anna 631.

462—Dan, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed May 25, 1885; sire, King of York 107; dam, Princess of York 223.

463—Ed, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed March 28, 1885; sire, Knight of Mattoon 196; dam, Anna 631.

464—Clark, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed February 10, 1885; sire, Knight of Mattoon 196; dam, Queen Lilly.

465—Ned, Suffolk, exhibited by Frank Willson, Jackson, Mich.; bred by John Robinson, Jackson, Mich.; farrowed May 3, 1885; sire, Suffolk, dam, Suffolk.

466—Doctor, Suffolk, exhibited by Frank Willson, Jackson, Mich.; bred by John Robinson, Jackson, Mich.; farrowed May 3, 1885; sire, Suffolk; dam, Suffolk.

467—W. H., Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed May 3, 1885; sire, Suffolk; dam, Suffolk.

Lot 49—Victoria.

Barrow 12 *and under* 18 *months*—1 *entry.*

468—Dick, bred and exhibited by Stone & Loake, Stonington; farrowed July 3, 1884; sire, Grant; dam, Victoria.

Barrow under 1 *year*—4 *entries.*

469—Snowball 1st, bred and exhibited by Stone & Loake, Stonington; farrowed June 1, 1885; sire, Snowflake; dam, Victoria.

470—Snowball 2d, bred and exhibited by Stone & Loake, Stonington: farrowed June 1, 1885; sire, Snowflake; dam, Victoria.

471—Snowball 3d, bred and exhibited by Stone & Loake, Stonington; farrowed June 1, 1885; sire, Snowflake; dam, Victoria.

472—Prince 2d, bred and exhibited by Stone & Loake, Stonington; farrowed April 20, 1885; sire, Prince; dam, Victoria.

Lot 50—Grades and Crosses.

Barrow 12 *and under* 18 *months*—11 *entries.*

473—Ed, grade Poland China, exhibited by Frank Srout, McLean; bred by A. Jeffery, Hallsville; farrowed May 26, 1884; sire, Poland China; dam, ¾ grade Poland China.

474—Dave, grade Poland China, exhibited by Frank Srout, McLean; bred by A. Jeffery, Halisville; farrowed May 20, 1884; sire, Poland China; dam, ¾ grade Poland China.

475—Bully, grade Poland China, exhibited by Frank Srout, McLean; bred by A. Jeffery, Hallsville; farrowed May 20, 1884; sire, Poland China; dam, ¾ grade Poland China.

476—Jim, Yorkshire-Poland China, bred and exhibited by L. C. Henley, Mattoon; farrowed October 25, 1884; sire, King of York 2d; dam, Poland China.

477—Gillespie, Yorkshire-Poland China, bred and exhibited by L. C. Henley, Mattoon; farrowed October 25, 1884; sire, King of York 2d; dam, Poland China.

478—Blaine, Yorkshire-Poland China, bred and exhibited by L. C. Henley, Mattoon; farrowed October 25, 1884; sire, King of York 2d; dam, Poland China.

479—Ginger, Poland China-Chester White, bred and exhibited by S. H. Todd, Wakeman, O., farrowed September 10, 1884; sire, Poland China; dam, Chester White.

480—Henry B, grade Poland China, exhibited by B. T. Railsback, Hopedale; bred by Henry & Joe Button; farrowed June 26, 1884; sire, Poland China; dam, ¾ grade Poland China.

481—Joe B, grade Poland China, exhibited by B. T. Railsback, Hopedale; bred by Henry & Joe Button; farrowed June 26, 1884; sire Poland China; dam, ¾ grade Poland China.

482—Dave B, grade Poland China, exhibited by B. T. Railsback, Hopedale; bred by Henry & Joe Button; farrowed June 26, 1884; sire, Poland China; dam, ¾ grade Poland China.

483—Henry, Suffolk-Chester White, exhibited by Frank Willson, Jackson, Mich.; bred by Robt. C. Kerr, Jackson, Mich.; farrowed October 12, 1884; sire, Suffolk; dam, Chester White.

Barrow under 1 *year*—13 *entries.*

484—Jim, grade Poland China, exhibited by J. A. Countryman, Rochelle; bred by James Elliott, Lindenwood; farrowed April 15, 1885; sire, Poland China; dam, ½ grade Poland China.

485—Jim, grade Chester White, exhibited by S. H. Todd, Wakeman, O.; bred by Wesley Smith, Florence, O.; farrowed June 10, 1885; sire, Chester White; dam, ¾ grade Chester White.

486—Tom, grade Chester White, exhibited by S. H. Todd, Wakeman, O.; bred by Wesley Smith, Florence, O.; farrowed June 10, 1885; sire, Chester White; dam, ¾ grade Chester White.

487—Martin, Poland China-Chester White, exhibited by S. H. Todd, Wakeman, O.; bred by Mr. Camkens, Camden, O.; sire, Poland China; dam, Chester White.

488—Jumbo, grade Poland China, exhibited by B. F. Waters, Rochester; bred by H. O. Correll, Mechanicsburg; farrowed June 1, 1885; sire, Poland China; dam, ½ grade Poland China.

489—Peter, grade Poland China, exhibited by B. F. Waters, Rochester; bred by H. O. Correll, Mechanicsburg; farrowed June 1, 1885; sire, Poland China; dam, ½ grade Poland China.

490—Tom, grade Poland China, exhibited by B. F. Waters, Rochester; bred by H. O. Correll, Mechanicsburg; farrowed June 1, 1885; sire, Poland China; dam, ½ grade Poland China.

491—Jim, grade Poland China, exhibited by B. F. Waters, Rochester; bred by H. O. Correll, Mechanicsburg; farrowed June 1, 1885; sire, Poland China; dam, ½ grade Poland China.

492—Jack, grade Poland China, exhibited by B. F. Waters, Rochester; bred by H. O. Correll, Mechanicsburg; farrowed June 1, 1885; sire, Poland China; dam ½ grade Poland China.

493—Billy, grade Poland China, exhibited by B. F. Waters, Rochester; bred by H. O. Correll, Mechanicsburg; farrowed June 1, 1885; sire, Poland China; dam, ½ grade Poland China.

494—Robert C, grade Suffolk, exhibited by Frank Willson, Jackson, Mich.; bred by Robt. C. Kerr, Jackson, Mich.; farrowed May 28, 1885; sire, Suffolk; dam, Suffolk Chester White.

495—Jack, grade Poland China, exhibited by J. A. Countryman, Rochelle; bred by Jas. Elliott, Lindenwod; farrowed May 1, 1885; sire, Poland China; dam, ¾ grade Poland China.

496—Beaver, exhibited by B. T. Railsback, Hopedale; farrowed January 4, 1885.

Lot 51—All Breeds and Grades by Ages.

Barrow 12 and under 18 months—8 entries.

Barrow under 1 year—7 entries.

Lot 52—Sweepstakes.

Best Barrow in Lot 43—Berkshires—2 entries.

Best Barrow in Lot 44—Poland China—2 entries.

Best Barrow in Lot 45—Chester White—2 entries.

Best Barrow in Lot 46—Essex—1 entry.

Best Barrow in Lot 47—Duroc Jersey Red—2 entries.

Best Barrow in Lot 48—Yorkshire and Suffolk—2 entries.

Best Barrow in Lot 49—Victoria—2 entries.

Best Barrow in Lot 50—Grades and Crosses—2 entries.

Lot 53—Grand Sweepstakes.

Best Barrow in the Show—10 entries.

497—Major, Poland China, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 17, 1884; sire, Lookout 2263; dam, Poland China.

498—Dick, Poland China, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 21, 1884; sire, Lookout 2263; dam, Poland China.

Lot 54—Heaviest Fat Hog.

Open to all ages—4 entries.

499—Charley, Chester White—Poland China, exhibited by Frank Strout, McLean; bred by Thomas Taylor, Waynesville; farrowed August 10, 1882; sire, Chester White; dam, Poland China.

Lot 55—Pen of Barrows.

Five Fat Barrows 12 and under 18 months—6 entries.

500—John A, Yorkshire—Poland China, bred and exhibited by L. C. Henley, Mattoon; farrowed October 25, 1884; sire, King of York 2d; dam, Poland China.

501—Logan, Yorkshire, Poland China, bred and exhibited by L. C. Henley, Mattoon; farrowed October 25, 1884; sire, King of York 2d; dam, Poland China.

502—Blossburg B, grade Poland China, exhibited by B. T. Railsback, Hopedale; bred by Henry & Joe Button; farrowed June 26, 1884; sire, Poland China; dam ¾ grade Poland China.

503—Tom B, grade Poland China, exhibited by B. T. Railsback, Hopedale; bred by Henry & Joe Button; farrowed June 26, 1884; sire, Poland China; dam, ¾ grade Poland China.

504—Clifford B, grade Poland China, exhibited by B. T. Railsback, Hopedale; bred by Henry and Joe Button; farrowed June 26, 1884; sire, Poland China; dam, ¾ grade Poland China.

Five Fat Barrows under 1 year—6 entries.

505—Joe, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed March 28, 1885; sire, Knight of Mattoon 196; dam, Anna 631.

506—St. John, Chester White, bred and exhibited by S. H. Todd, Wakeman, O.; farrowed March 20, 1885; sire, Grant 2d 143; dam Sallie E 3d 648.

507—Willow Wood D, Duroc Jersey Red, bred and exhibited by B. T. Railsback, Hopedale; farrowed November 26, 1884; sire, Dan Voorhees, Jr., 323; dam, Beauty D, 1432.

508—Wild Eyes D, Duroc Jersey Red, bred and exhibited by B. T. Railsback, Hopedale; farrowed November 26, 1884; sire, Dan Voorhees, Jr., 323; dam, Beauty D, 1432.

Lot 56—Dressed Carcass.

Barrow 12 and under 18 months—10 entries.

Barrow under 1 year old—9 entries.

Lot 57—Gain per Day.

Barrow showing Greatest Average Gain per Day, including Weight at Birth—14 entries.

Lot 58—Cost of Production.

CLASS A—CATTLE.

LA FAYETTE FUNK, Sup't Beef Breeds. JOHN P. REYNOLDS, Sup't Milk Breeds.

No. of Stall	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.	Color.
1								
2	Adams Earl, Lafayette, Ind	June 7, 1882	1,252	2,160	1.72	Dick	⅞ Hereford, ⅛ Native	R. and W. F.
3	" "	Apr. 18, 1882	1,302	2,070	1.59	Excelsior	½ Hereford, ¼ Short-Hord, ¼ Native	
4	" "	Jan. 22, 1883	1,023	1,605	1.57	Elkington	Hereford	R. and W. F.
5	C. B. Stuart, Lafayette, Ind	May 15, 1883	910	1,500	1.65	Texas Boy	½ Hereford, ½ Texas	
6	Adams Earl, Lafayette, Ind	Nov. 28, 1883	713	1,470	2.06	Sir Bartle 1st	½ Hereford, ⅛ Short-Horn, ⅜ Native	
7	" "	Mar. 29, 1884	591	1,515	2.56	" 2d	½ Hereford, ¼ Short-Horn, ¼ Native	
8	" "	Apr. 15, 1884	574	1,420	2.47	" 3d	½ Hereford, ½ Short-Horn	
9	" "	Apr. 22, 1884	467	1,295	2.28	" 4th	½ Hereford, ¼ Short-Horn, ¼ Native	
10	" "	May 23, 1884	536	1,325	2.47	" 5th	" " "	
11	" "	May 24, 1884	535	1,220	2.28	LaFayette	½ Hereford, ⅛ Short-Horn, ⅜ Native	
12								
13	C. M. Culbertson, Chicago, Ill	Apr. 15, 1882	1,305	2,105	1.61	Schuttler	¾ Hereford, ¼ Native	R. and W. F.
14	" "	May 15, 1882	1,275	1,945	1.52	Pearce	" "	"
15								
16	C. M. Culbertson, Chicago, Ill	July 15, 1882	1,214	1,890	1.56	Dysart	¾ Hereford, ¼ Native	R. and W. F.
17	" "	May 1, 1882	1,289	2,025	1.57	Reynolds	" "	"
18	" "	Apr. 15, 1882	1,305	2,140	1.64	Scott	⅞ Hereford, ⅛ Native	"
19	Seabury & Sample, Lafayette, Ind	May 15, 1883	910	1,705	1.87	Joe	½ Hereford, ¼ Short-Horn, ¼ Native	
20	" "	Dec. 11, 1883	700	1,435	2.05	Bob	" " "	
21	" "	Dec. 20, 1883	691	1,390	2.01	Mort	" " "	
22	" "	Dec. 12, 1883	699	1,630	2.33	Jack	" " "	
23	" "	Jan. 4, 1884	676	1,330	1.97	George	" " "	
24	" "	Nov. 24, 1884	351	1,050	2.99	Jumbo	" " "	
24	" "	Dec. 10, 1883	701	1,185	1.69	Sam	15-16 Hereford, 1-16 Short-Horn	
25	" "	Dec. 29, 1884	316	825	2.61	Davy	½ Hereford, ¼ Short-Horn, ¼ Native	
26								
27	John P. Gillett, Elkhart, Ill	Jan. 3, 1883	1,042	1,575	1.51	Abel	15-16 Short-Horn, 1-16 Native	
28	" "	Jan. 3, 1883	1,042	1,730	1.66	Cain	" "	
29	" "	Apr. 10, 1882	1,310	2,060	1.57	Adams	" "	Red and white.
30	" "	June 25, 1882	1,234	1,750	1.42	Cherry	" "	
31	" "	Jan. 20, 1882	1,390	1,930	1.39	Red Jacket	" "	Red
32	" "	Apr. 6, 1882	1,314	1,915	1.46	Crocket	" "	"

33	John P. Gillett, Elkhart, Ill	Mar.	12, 1882	1,339	1,965	1.47	Pointover	15-16 Short-Horn, 1-16 Native		Red
34	" "	Dec.	3, 1881	1,458	2,245	1.56	Barney	" "		"
35	John D. Gillett, Elkhart, Ill	Jan.	10, 1880	1,949	2,860	1.47	Mammoth	" "		
36	" "	June	2, 1882	1,251	2,100	1.68	John P. Reynolds	" "		Red and white
37	" "	July	30, 1882	1,199	1,945	1.62	Davie	" "		
38	" "	Apr.	5, 1882	1,315	2,050	1 56	Right About	" "		Roan
39	" "	Apr.	28, 1882	1,292	1,925	1.49	Lookover	" "		"
40	" "	Dec.	28, 1881	1,413	2,015	1.43	McCue	" "		"
41	" "	Mar.	10, 1883	976	1,595	1.63	Col. Mills	" "		"
42	" "	June	26, 1883	868	1,865	2.15	Doc. Woods	" "		
43	" "	May	10, 1883	915	1,775	1.94	Victor	" "		
44	" "	Mar.	19, 1883	967	1,760	1.82	Driver	" "		Red
45	" "	Jan.	2, 1883	1,043	1,960	1 88	Fisher	" "		"
46	" "	Feb.	12, 1883	1,002	1,900	1.90	Rocket	" "		"
47										
48	John P. Gillett, Elkhart, Ill	Apr.	22, 1883	933	1,655	1.77	Constance	15-16 Short-Horn, 1-16 Native		
49	" "	Apr.	20, 1883	935	1,770	1.89	Cuba	" "		
50	" "	Aug.	4, 1883	829	1,590	1.92	Skipper	" "		
51	" "	Aug.	1, 1883	832	1,680	2.02	York	" "		
52	" "	Aug.	5, 1883	828	1,560	1.88	Red Plum	" "		
53	John D. Gillett, Elkhart, Ill	June	22, 1884	506	1,260	2.49	Bob	" "		
54	" "	July	28, 1884	470	1,370	2.91	Morris	" "		
55	Morrow & Renick, Clintonville, Ky	Dec.	16, 1881	1,425	2,210	1.55	Schooler	Short-Horn		Roan
56	" "	Dec.	24, 1881	417	2,320	1.64	Eales	31-32 Short-Horn, 1-32 Native		Red
57	" "	Mar.	20, 1882	1,331	2,010	1.51	Bedford, No. 4	Short-Horn		
58	" "	Jan.	13, 1882	1,397	2,040	1.46	Weathers	"		
59	" "	June	20, 1882	1,233	1,960	1.59	Renick Sharon	"		
60	" "	Apr.	17, 1883	938	1,650	1.76	Cunningham	"		Red
61	J. H. Potts & Son, Jacksonville, Ill	Oct.	1, 1882	1,136	1,685	1.48	Surprise	7/8 Short-Horn, 1/8 Native		Roan
62	" "	Feb.	25, 1882	1,354	1,940	1.43	Champion	" "		Red
63	" "	Mar.	24, 1883	962	1,810	1.88	Red Cloud	" "		"
64	" "	June	22, 1883	872	1,580	1.81	Major Taylor	" "		
65	" "	Mar.	1, 1883	985	1,610	1.63	Mack	" "		Red-Roan
66	" "	May	19, 1883	906	1,640	1 81	Billie S.	" "		Roan
67	" "	May	20, 1883	905	1,615	1.78	Frank	" "		Red
68	" "	Mar.	25, 1883	961	1,805	1.88	Victor	Short-Horn		Roan
69	" "	Jan.	15, 1885	299	785	2.63	Diamond	7/8 Shorthorn, 1/8 Native		Roan
70	" "	Dec.	26, 1883	685	1,325	1.93	Bob Moore	" "		Red
71	" "	May	20, 1883	905	1,545	1.71	Richmond	" "		"
72	C. S. Barclay, West Liberty, Ia						Miss Wiley	Shorthorn		
73	" "	Nov.	29, 1882	1,077	1,900	1.76	White Cedar	7/8 Shorthorn, 1/8 Native		White
74	" "	Nov.	28, 1882	1,078	1,680	1.56	Snow Ball	Shorthorn		
75	Wm. Millar, Mattoon, Ill	Mar.	16, 1878	2,796	2,045	.73	Lillie Aidrie 2d	"		
76	Geo. Elliott, Harristown, Ill	Sept.	21, 1882	1,139	1,765	1.55	Little Britain	7/8 Shorthorn, 1/8 Native		
77	T. W. Hunt, Ashton, Ill	Apr.	20, 1884	569	1,210	2.13	Billy	31-32 Shorthorn, 1-32 Native		
78	" "	Apr.	12, 1884	577	1,200	2.08	Reliance	15-16 Shorthorn, 1-16 Native		
79	Morrow & Renick, Clintonville, Ky	May	1, 1883	925	1,815	1.96	Little Billy	31-32 Shorthorn, 1-32 Native		Red
80	" "	June	1, 1883	894	1,640	1 83	Buckner	" "		R. and W
81	" "	Feb.	14, 1883	1,000	1,650	1.65	Morrow	" "		Red
82	" "	Feb.	25, 1883	989	1,720	1 74	Swift	15-16 Shorthorn, 1-16 Native		"
83	W. S. White, Sabetha, Kan	Jan.	19, 1883	1,026	1,960	1 91	Roan Twin	Shorthorn		
84	Thos. B. Wales, Jr., Iowa City, Ia	Feb.	7, 1885	276	699	2.50	Brookbank Lad	Holstein		

No. of Stall.	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 10, 1885.	Weight November 10, 1885.	Average gain per days in pounds, since birth.	Name of Animal.	Breed.	Color.
85	A. A. Noyes, Steamboat Rock, Ia	Mar. 28, 1880	2,053	2,850	1.39	Jim	⅞ Shorthorn, ⅛ Native	
86	Wm. Snyder, Henry, Ill.	Apr. 13, 1878	2,768	1,600	.58	Rose Culver	Shorthorn	Red
87	Forbes Bros., Henry, Ill	Jan. 28, 1883	1,017	1,800	1.77	Reuben Broadus	⅞ Shorthorn, ⅛ Native	
88	" "	Mar. 10, 1883	976	1,690	1.73	Varna	" "	
89	Frank Willson, Jackson, Mich	Jan. 20. 1885	294	860	2.92	Monarch	" "	
90	Frank H. Johnson & Co., South Bend, Ind.	May 2, 1879				Duke of Willow Gr've	Jersey	Fawn
91	J. D. Gillett, Elkhart, Ill	Dec. 2, 1883	709	1,505	2.12	Champion	15-16 Shorthorn, 1-16 Native	
92	" "	Jan. 3, 1884	677	1,470	2.17	Boy	" "	
93	" "	"	677	1,405	2.07	Royal	" "	
94	" "	May 25, 1884	534	1,280	2.40	Lightfoot	" "	
95	Elbert & Fall, Albia, Ia	July 1, 1884	.497	1,290	2.59	Cleveland	Shorthorn	
96								
97	John B. Sherman, Chicago, Ill	Dec. 10, 1881	1,431	2,220	1.55	Longmore	¾ Shorthorn, ¼ Native	
98								
99	" "	Apr. 17, 1880	2,032	2,625	1 29	J. H. Truman	Shorthorn	Roan
100								
101	" "	May 15, 1880	2,004	2,630	1.31	George Fox	15-16 Shorthorn, 1-16 Native	Roan
102								
103	" "	Feb. 1, 1881	1,743	2,470	1.42	White Cloud	Shorthorn	White
104	" "	July 6, 1882	1,223	2,125	1 74	Warfield	31-32 Shorthorn, 1-32 Native	
105	" "	July 13, 1882	1,216	2,160	1.78	Ben	" "	
106	" "	Mar. 25, 1882	1,326	2,220	1.67	Albright	½ Hereford, ½ Shorthorn	Roan
107	" "	May 20, 1882	1,270	2,185	1.72	Richland	15-16 Shorthorn, 1-16 Native	Red
108	" "	May 30, 1882	1,260	1,970	1.56	Benbow's Prize	" "	
109	" "	May 20, 1883	965	1,840	1.91	Gem	31-32 Shorthorn, 1-32 Native	
110	" "	Jan. 17, 1883	1,028	1,705	1.66	Victor	Shorthorn	
111	" "	Apr. 15, 1883	940	1,620	1.72	Turk	15-16 Shorthorn, 1-16 Native	
112	" "	May 15, 1883	910	1,610	1.77	Red Knight	" "	Red
113	" "	Mar. 25, 1883	961	1,560	1 62	Greenview	" "	
114	" "	June 15, 1882	1,244	1,500	1.20	Sandy	West Highlander	Yellow & Red
115	" "	Apr. 25, 1884	564	940	1.67	Scottish Prize	½ Hereford, ½ W. Highlander	
116								
117	Lucien Scott, Leavenworth, Kan	Dec. 29, 1881	1,412	2,080	1.47	Gottlieb	Holstein	Black & White
118	" "	Apr. 27, 1882	1,293	2,050	1.59	Boots	½ Holstein, ½ Native	"
119	" "	Feb. 15, 1883	999	1,920	1.92	Captain	" "	"
120	" "	Dec. 22, 1883	659	1,300	1.89	Last Chance	¾ Holstein, ¼ Native	

121	"	"	"	July	25, 1882	1,204	1,460	1.21	Jessie	½ Hereford, ⅜ Shorthorn, ⅛ Native
122	"	"	"	Mar.	24, 1883	962	1,445	1.50	Faith	" " "
123										
124	Seth Wadhams, Chicago, Ill			Dec.	28, 1882				Silver Hill	Jersey
125	"	"	"	June	11, 1879				Gold Trinket	"
126	Jas. J. Hill, St. Paul, Minn			Feb.	22, 1882	1,357	2,455	1.81	Hutcheon	Grade Polled Angus
127	"	"	"	Jan.	27, 1882	1,383	2,140	1.55	Tuniff	" "
128	"	"	"	Mar.	15, 1882	1,336	2,070	1.55	McKessack	" "
129	"	"	"	Apr.	15, 1882	1,305	2,115	1.62	Kinloss	" "
130	"	"	"	Jan.	6, 1882	1,404	2,000	1.42	Rettie	" "
131	"	"	"	Jan.	23, 1883	1,022	1,955	1.91	Benholm	Aberdeen-Angus
132	"	"	"	Feb.	5, 1883	1,009	1,770	1.75	Wildy	" "
133	Overton Lea, Nashville, Tenn			Dec.	6, 1883	705	1,380	1.96	Rosy	Sussex
134										
135	W. R. Estill, Estill, Mo			Mar.	15, 1884	605	1,360	2.25	Flash	½ Angus, ⅜ Short-Horn, ⅛ Native
136	"	"	"	Feb.	17, 1885	266	750	2.82	Felix	" " "
137	Estill & Elliott, Estill, Mo			Mar.	13, 1884	607	1,330	2.19	Clarence	½ Angus, ½ Short-Horn
138	"	"	"	Apr.	1, 1884	589	1,310	2.22	Charlie	½ Angus, ⅜ Short-Horn, ⅛ Native
139	Gudgell & Simpson, Independence, Mo			Mar.	27, 1884	593	1,470	2.48	Sandy	Aberdeen-Angus
140	"	"	"	Jan.	10, 1885	304	920	3.03	Alex	"
141	B. Hershey, Muscatine, Ia			Dec.	3, 1882	1,073	1,680	1.56	Champion	Hereford
142	"	"	"	Mar.	8, 1883	978	1,920	1.96	Prospect	½ Hereford, ½ Native
143	"	"	"	Mar.	20, 1885	235	720	3.06	Sam	" "
144	"	"	"	Feb.	6, 1885	277	810	2.92	Frank	" "
145	J. S. Funkhouser, Plattsburg, Mo								Fred	
146	"	"	"	Jan.	26, 1885	288	765	2.66	Chromo	½ Hereford, ¼ Short-Horn, ¼ Native
147	"	"	"	Jan.	25, 1885	289	765	2 65	Curtis	" " "
147	"	"	"	Feb.	21, 1885	262	700	2 67	Conquest	½ Hereford, ⅜ Short-Horn, ⅛ Native
148	"	"	"	Jan.	15, 1885	299	800	2.67	Challenge	½ Hereford, 7-16 Short-H'rn, 1-16 Nat.
149	"	"	"	Feb.	21, 1885	262	700	2.67	Clinton	½ Hereford, ⅜ Short-Horn, ⅛ Native
150	Henry Davis, Dyer, Ind			May	14, 1885	180	580	3.22	Marquis	½ Hereford, ½ Native
151	Ind. Blooded Stock Co., Indianapolis, Ind.			Sept.	4, 1884	432	930	2.15	Tom	½ Hereford, ¼ Short-Horn, ¼ Native
152	"	"	"	Sept.	15, 1884	421	925	2 20	Jerry	" " "
153	"	"	"	Jan.	14, 1884	666	1,290	1.94	Photograph	" " "
154	"	"	"	Dec.	6, 1883	705	1,475	2.09	Leland	" " "
155	"	"	"	Nov.	27, 1883	714	1,555	2.18	Lindall	" " "
156	"	"	"	Oct.	8, 1883	764	1,515	1.98	Logan	Aberdeen-Angus
157	"	"	"	Sept.	28, 1883	774	1,610	2 08	Blaine	"
158										
159	Ind. Blooded Stock Co., Indianapolis, Ind.			May	24, 1882	1,266	2,260	1.78	Suspense	Hereford
160	"	"	"	Apr.	6, 1882	1,314	2,065	1.57	Champion	"
161	"	"	"	Apr.	1, 1882	1,316	2,105	1.60	Cornwall	"
162	"	"	"	May	4, 1882	1,286	1,820	1.41	Stokesay	"
163	"	"	"	Mar.	1, 1882	1,350	1,900	1 41	Stonington	¾ Hereford, ¼ Native
164	"	"	"	May	4, 1882	1,286	1,925	1.50	Burleigh's Pride	½ Angus, ½ Hereford
165	Fowler & Van Natta, Fowler, Ind			Feb.	25, 1883	989	1,840	1 86	Jerry	⅛ Hereford, ⅜ Short-Horn, ⅛ Native
166	"	"	"	Dec.	14, 1882	1,062	1,710	1.61	Tempest	Hereford

121		
122		
123		
124		
125		Fawn
126		"
127		
128		
129		
130		
131		
132		
133		Red
134		
135		Black
136		"
137		
138		
139		Black
140		"
141		R. & W. F
142		"
143		"
144		"
145		
146		
147		
147		
148		R. & W. F
149		"
150		"
151		"
152		"
153		"
154		"
155		"
156		Black
157		"
158		
159		R. & W. F
160		"
161		"
162		"
163		"
164		"
165		"
166		"

No. of Stall	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per day in lbs. since birth	Name of Animal.	Breed.	Color.
167	Fowler & Van Natta, Fowler, Ind	Jan. 15, 1883	1,030	1,930	1.87	Adams	½ Hereford, ⅜ Short-Horn, ⅛ Native	R. & W. F
168	" " "	Jan. 28, 1883	1,017	1,905	1.87	Dandy Boy	" " "	"
169	" " "	Dec. 30, 1882	1,046	1,805	1.72	Benton Will	" " "	"
170								
171	Fowler & Van Natta, Fowler, Ind	Apr. 14, 1882	1,306	2,345	1.79	Regulus	½ Hereford, ¼ Short-Horn, ¼ Native	R. & W. F
172	" " "	May 24, 1882	1,266	2,345	1.85	McGregor	¾ Hereford, ⅛ Short-Horn, ⅛ Native	"
173	" " "	Dec. 14, 1883	697	1,355	1.94	Sam	½ Hereford, ¼ Short-Horn, ¼ Native	"
174	" " "	Mar. 11, 1884	609	1,280	2 10	Matthews	½ Hereford, ¾ Short-Horn, ¼ Native	"
175	" " "	June 20, 1883	874	1,304	1.50	Peter	½ Hereford, ½ Jersey	"
176	" " "					Bessie	Jersey	Fawn
177	Swan & Bosler, Indianola, Ia	Apr. 16, 1882	1,304	1,805	1.38	Jim	Hereford	R. & W. F
178	" " "	June 14, 1882	1,245	1,750	1.40	George	"	"
179	" " "	June 13, 1882	1,241	1,790	1.44	Alfred	"	"
180	" " "	May 26, 1882	1,264	2,140	1.69	Tom	"	"
181	" " "	May 2, 1882	1,288	2,320	1.80	Jake	½ Hereford, ½ Native	"
182	Swan Bros., Indianola, Ia	June 20, 1881	1,604	1,875	1.17	Grace	Hereford	"
183	Swan & Bosler, Indianola, Ia	July 28, 1884	470	1,155	2.46	Roan Dan	½ Hereford, ½ Native	"
184	" " "	Nov. 21, 1884	354	1,000	2.82	Honest Ben	" "	"
185	" " "	Nov. 30, 1884	345	925	2.68	Model	" "	"
186	" " "	Nov. 22, 1884	353	825	2.34	Pattern	" "	"
187	" " "	Dec. 26, 1884	319	850	2.66	Swan's Shield	" "	"
188	" " "	Dec. 27, 1884	318	805	2.53	Experiment	10-16 Here'd, 2-16 Sh't-H'n, 4-16 Jer's'y	
189	Geo. Leigh & Co., Aurora, Ill	Apr. 30, 1883	925	1,610	1.74	Sampson	Hereford	R. & W. F
190	" " "	June 3, 1883	891	1,420	1.59	Bendigo	"	"
191	" " "	June 21, 1884	507	1,195	2.36	Slasher	"	"
192	" " "	May 1, 1884	558	1,055	1.89	Frank	"	"
193	J. R. Peak & Son, Winchester, Ill	Mar. 1, 1884	985	1,735	1.76	Cambridge Geneva	Short-Horn	White
194	" " "							
195	" " "	June 27, 1883	867	1,645	1.90	Baron Constance	Short-Horn	White
196	" " "	Mar. 2, 1883	984	1,800	1.83	Joe Cannon	"	Roan
197	" " "	Mar. 4, 1883	982	1,805	1.84	Louis Cunningham	"	"
198	" " "	Jan. 20, 1883	1,023	1,860	1.82	General Custer	"	"
199	" " "	Apr. 11, 1883	944	1,580	1.67	Wild Bill	¾ Shorthorn, ¼ Native	
200	" " "					Eath	" "	

201	"	"						Sherman	"	"	
202	"	"						Nathan	"	"	
203	"	"						Dick	"	"	
204	"	"						Randolph	⅞ Short-Horn, ⅛ Native		
205	"	"						Harry	¾ Short-Horn, ¼ Native		
206	"	"						Riley	"	"	
207	"	"						Ellick	⅞ Short-Horn, ⅛ Native		
208	"	"						Rover	"	"	
209	"	"		Mar. 3, 1884	617	1,275	2.07	Henry	"	"	
210	"	"		Mar. 12, 1884	608	1,290	2.12	Arch	"	"	
211	"	"		Feb. 17, 1884	632	1,155	1.83	Marcus	"	"	
212	"	"		Mar. 1, 1884	619	1,170	1.90	Richard	"	"	
213	"	"		Feb. 28, 1884	621	1,140	1.83	Tommylin	"	"	
214	"	"		Mar. 10, 1883	976	1,685	1.73	Roan Boy	"	"	
215											
216	J. R. Peak & Son, Winchester, Ill			Dec. 6, 1884	339	885	2.61	Crown Prince	¾ Short-Horn, ¼ Native		
217	"	"		Jan. 23, 1885	291	815	2.80	Lord Thomas	15-16 Short-Horn, 1-16 Native		
218	"	"		Nov. 17, 1884	358	770	2.15	Wm. Wissly	⅞ Short-Horn, ⅛ Native		
219	"	"		Mar. 10, 1885	245	760	3.10	Antony	"	"	
220	"	"		Mar. 18, 1885	237	535	2.26	Duke of Ashbrook 2d	Short-Horn		
221	Frank H. Johnson & Co., South Bend, Ind			Feb. 25, 1882				Little Patience	Jersey		Fawn
222	"	"	"	Nov. 20, 1880				Luna Belle 2d	"		"
223	B. Waldel, Marion, O			Sept. 1, 1882	1,166	2,080	1.78	Dan	⅞ Short-Horn, ⅛ Native		
224	"	"		Feb. 10, 1884	639	1,360	2.13	Orio	Short-Horn		
225	"	"		July 15, 1885	118	405	3.43	Charley	⅞ Short-Horn, ⅛ Native		
226				Nov. 10, 1884	365	1,065	2.92	Phillip	"	"	
227	Smiths, Powell & Lamb, Syracuse, N. Y.			Apr. 1, 1880				Netherland Prince	Holstein		Black and white
228	"	"	"	Apr. 15, 1882				Prince Imperial	"		"
229	"	"	"	Mar. 20, 1883				Prince of Artis	"		"
230	"	"	"	Mar. 20, 1880				Netherland Belle	"		"
231	"	"	"	Spring, 1878				Valley Beauty	"		"
232	"	"	"	Mar. —, 1879				Lady Fay	"		"
233	"	"	"	Mar. 15, 1877				Netherl'nd Baroness	"		"
234	"	"	"	Mar. —, 1880				Aaggie Cornelia 3d	"		"
235	"	"	"	Mar. 27, 1882				Alexander's Queen	"		"
236	"	"	"	Mar. 15, 1882				Executrix	"		"
237	Geo. F. Davis & Co., Dyer, Ind			Mar. 17, 1880				Falcott	Jersey		
238	John Stewart, Blackberry, Ill							Isabella	Ayrshire		
239	"	"		Oct. 29, 1880				Compton	"		
240	"	"		May 30, 1878				Spotty	"		
241	"	"		Mar. 10, 1875				Ayrshire Ellen	"		
242	"	"		Dec. 13, 1880				Duke of Illinois	"		
243	Geo. E. Brown & Co., Aurora, Ill			Mar. 2, 1879				Lady Wheatland	Holstein		Black and white
244	"	"	"	Mar. 19, 1882				Sluitje	"		"
245	"	"	"	Nov. 7, 1882				Alpena	"		"
246	"	"	"	Mar. 20, 1880				Lady Winthrop	"		"
247	"	"	"	Feb. 1, 1876				Meika	"		"
248	"	"	"	Apr. 10, 1883				Bassano	"		"
249	"	"	"	Mar. 15, 1877				Filligree	"		"
250	"	"	"	Feb. 3, 1881				Iradue	"		"
251	"	"	"	Mar. 10, 1881				Sealskin	"		"
252	"	"	"	Oct. 17, 1882				Longspeller's Hendricks	"		"

Class A—Cattle—Continued.

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 10, 1885.....	Weight November 10, 1885.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.	Color.
253	E. H. Bierer, Rockford, Mo	Mar. 5, 1882	.. ...	.....	.....	Jumbo.....	Jersey.....	Fawn .....
254	J. R. Price & Son, Williamsville, Ill.....	Jan. 1, 1885	314	895	2.85	Excelsior	½ Hereford, ½ Native.....	.....
255	" "	Dec. 1, 1884	345	910	2.64	Express	" "	... .
256	.....	.....	.....	.....	.....	.....	.....	.....
257	Thos. B. Whales, Jr., Iowa City, Ia.....	Jan. 17, 1879	.....	.....	.....	Jepma.....	Holstein.....	Black and white
258	" " "	Mar. 10, 1882	.....	.....	.....	Tritomia	"	" "
259	" " "	Mar. 1, 1882	.....	.....	.....	Solon Prince.....	"	" "

TABLE OF MEASUREMENTS OF PRIZE WINNING ANIMALS.

No. of Animal	Name of Animal.	Age in days, November 10, 1885	Weight in pounds	Average gain per day since birth	Length of carcass	Heart girth	Flank girth	Girth of middle of paunch	Girth of throat-latch.	Height from Ground: Top line. Shoulder.	Height from Ground: Top line. Hip	Height from Ground: Bot. line. Fore flank	Height from Ground: Bot. line. Flank	Depth from top line to lower shoulder point	Thickness through the crop	Length of back from top shoulder to loins.	Width across the loins	Length of quarter from loin to rump	Depth from loin to hock
					ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
1	Schooler, Short-Horn, 3 and under 4, 1st premium	1,425	2,210	1.55	7-05	8-07	8-01	9-04	3-04	4-10½	5-00	1-11	2-06½	3-03½	2-05	2-10	2-06	2 01	4-05½
2	Bedford No. 4, Short-Horn, 3 and under 4, 2d premium	1,331	2,010	1.51	7-03	8-05	8-00	9-00	3-05	4-09¾	4-11¾	1-11	2-04	3-01	2-03	2-06	2-04	2-00	4-05
4	Renick Sharon, Short-Horn, 3 and under 4, 3d premium	1,233	1,960	1.59	7-00	8-01	7-04	8-08	3-04	4-11	5-00½	2-00½	2-08½	3-01	2-04	2-08½	2-02	2-00	4-04
6	Frank, Short-Horn, 2 and under 3, 1st premium	905	1,615	1.78	6-09	7-04	7-03	8-06	3-04	4-07¼	4-07½	1-10¼	2-01	2-09	2-00½	2-02	2-01	1-11	4-01½
5	Snow Ball, Short-Horn, 2 and under 3, 2d premium	1,078	1,680	1.56	6-03	7-07	7-04	8-07	3-03	4-08	4-09	2-00¼	2-03¼	2-09	2-03	2-04	2-02¼	1-09	4-00
11	Cambridge Geneva, Short-Horn, 2 and under 3, 3d premium	985	1,735	1 76	6-07	7-04	7-05	8-06	3-03	4-08¾	4-09¼	2-00	2-04¼	2-10½	2 00	2-06	2 02	1-10	4 04
16	Cleveland, Short-Horn, 1 and under 2, 1st premium	497	1,200	2.59	5-10	6-08	6-09½	7-08	2-11	4-03½	4-04¾	1-08½	2-01	2 08	1 09	2-01	2-00	1-09	3 10
15	Orio, Short-Horn, 1 and under 2, 2d premium	639	1,360	2.13	6-05½	6-06	6-09½	7-08	3-04	4-05	4-07½	2-00	2-04	2-09	1-10	2 04½	2 00	1 10	4-00
17	Duke of Ashbrook 2d, Short-Horn, under 1 year, 1st premium	237	535	2.26	5-01	4-09	4-07	5-06	2-01½	3-07	3-07¾	1-07¾	1-09¾	2-01½	1-02	1-10	1-04	1-04	3-00
22	Suspense, Hereford, 3 and under 4, 1st premium	1,266	2,260	1.78	7-00	8-07½	8-11	9-06	3-09	4 08½	4-09¾	1-09¼	2-00¾	3-01	2-01	2-10	2 05½	2 05½	4 06
18	Tom, Hereford, 3 and under 4, 2d premium	1,264	2,140	1 69	7-00	8-03	8-03	9-02	3-08	4-10¾	4-11	2-00½	2 03	2 02	2-06	2 08	2 03½	2 00	4-06
23	Champion, Hereford, 3 and under 4, 3d premium	1,314	2,065	1.57	6-04	8-08	8-00	9-04	3 04½	4-08¾	4 09¾	1-10½	2-03	2-10½	2-06	2-07	2-04½	1-09½	4-02½
27	Sampson, Hereford, 2 and under 3, 1st premium	925	1,610	1.74	6-04½	7-09	7-08	8-03	3 04	4-05¾	4-08½	1-09¾	2-01¼	3 00	2 00	2 03½	2 01	1 10	4 00
29	Tempest, Hereford, 2 and under 3, 2d premium	1,062	1,710	1.61	6-07	7-04	7-05	8-06	3-04¾	4-06	4-06	1 10½	2-02	2-10	2-00	2 08	2-03	1 10½	4-04
26	Elkington, Hereford, 2 and under 3, 3d premium	1,023	1,605	1.57	6 04	7-06	7-09	8-06	3 04½	4-05¾	4-06¾	1 09½	1 11½	2 08	2 00	2 03	2 00	1 10	3 11

Table of Measurements—Continued.

No of Animal.	Name of Animal.	Age in days, November 11, 1885	Weight in pounds	Average gain per day since birth	Length of carcass	Heart girth	Flank girth	Girth of middle of paunch	Girth of throat-latch.	Height from Ground				Depth from top line to lower shoulder point	Tickness through the crop	Length of back from top shoulder to loins.	Width across the loins	Length of quarter from loin to rump	Depth from loin to hock
										Top line.		Bot. line.							
										Shoulder.	Hip	Fore flank	Flank.						
				ft, in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
31	Slasher, Hereford, 1 and under 2, 1st premium	507	1,195	2.36	6-04½	6-06	6-08	7-05	3-00	4-01¾	4-04¼	1-09½	2-00	2-07	1-10	2-02	1-11	1-10½	3-09½
32	Frank, Hereford, 1 and under 2, 2d premium.	558	1,055	1.89	5-11	6-04	6-04	7-03	3-00	4-02½	4-03	1-10	2-01	2-04	2-00	2-03½	1-11	1-07½	3-09
34	Wildy, Aberdeen-Angus, 2 and under 3, 1st premium	1,009	1,770	1.75	6-05½	7-06	7-08	8-06	3-06	4-06¼	4-06¼	1-11	2-03	3-00	2-01	2-04½	2-01½	1-10	4-03
35	Blaine, Aberdeen-Angus, 2 and under 3, 2d premium	774	1.610	2.08	6-08	7-03	7-07	7-03	3-05	4-07	4-09	1-11½	2-03¼	2-08½	2-00	2-07	2-00	2-00	4-00
36	Logan, Aberdeen-Angus, 2 and under 3, 3d premium	764	1,515	1.98	6-04	6-11	6-08	8-00	2-10	4-09¼	4-10½	2-01	2-03¾	2-10	1-11½	2-05	1-11½	1-09	4-01
37	Sandy, Aberdeen-Angus, 1 and under 2, 1st premium	593	1,470	2.48	6-04	7-00	7-02	7-11	3-03	4-04½	4-06½	1-09	2-01½	3-00	2-00	2-01	1-11½	1-09½	3-10½
38	Alex, Aberdeen-Angus, under 1 year, 1st premium	304	920	3.03	5-06	5-08	6-02	6-07	2-09	3-11½	4-02	1-11½	2-00½	2-04½	1-06½	1-11	1-05¾	1-06½	3-06½
39	Gottlieb, Holstein, 3 and under 4, 2d premium	1,412	2,080	1.47	6-11½	7-11	7-11	9-02	3-08	5-00½	5-02	2-02	2-05¾	3-01	2-01	3-00	2-01½	2-01	4-05
40	Brookbank Lad, Holstein, under 1 year, 2d premium	276	690	2.50	5-05	5-01	5-02	5-09	2-06	3-10	4-00½	1-09½	2-02¼	1-11	1-03	2-02½	1-02½	1-05	3-02
58	Regulus, grade Hereford, 3 and under 4, 1st premium	1,306	2.345	1.79	7-05	8-05	8-04	9-05	3-08	5-00	5-02	2-01	2-05½	3-02½	2-05	2-07	2-06	2-00	4-06
45	Dysart, grade Hereford, 3 and under 4, 2d premium	1,214	1,890	1.56	6-10	8-10	7-09	8-10	3-04	4-07	4-08½	1-09½	2-01¾	3-00	2-04	2-07	2-01	1-10	4-02
42	Scott, grade Hereford, 3 and under 4, 3d premium	1,305	2,140	1.64	6-11	8-05	8-00	9-00	3-07	4-09½	4-10½	1-10¼	2-02¼	2-11	2-05	2-09	2-05½	1-09	4-08
76	Richmond, grade Short-Horn, 2 and under 3, 1st premium	905	1,545	1.71	6-07	7-05	7-00	8-02	3-04	4-06¾	4-07	1-10½	2-02¾	2-11	2-00	2-04	2-01	1-09½	4-01
96	Gem, grade Short-Horn, 2 and under 3, 2d premium	965	1,840	1.91	6-06	7-10	7-09	8-08	3-04	4-08½	4-09¾	2-00¼	2-04¼	3-00	2-00	2-06	2-02	2-00	4-04
90	Dandy Boy, grade Hereford, 2 and under 3, 3d premium	1,017	1,905	1.87	6-10	7-09	7-08	8-08	3-05	4-09¼	4-09¾	2-00¼	2-04¼	3-02	2-02	2-07	2-02	2-00	4-06
110	Sir Bartle 2d, grade Hereford, 1 and under 2, 1st premium	591	1,515	2.56	6-05	7-00	7-01	8-02	3-04	4-05	4-06½	1-10¼	2-02	2-04¼	2-00	2-04	2-01	1-10	3-11

112	Sir Bartle 4th, grade Hereford. 1 and under 2, 2d premium	567	1,295	2 28	6-00	6-08	6-10	7-10	3-03	4-04¾	4-06½	1-11	2-02½	2-08	1-11	2-03	2-00	1-09½	4-00
109	Sir Bartle 1st, grade Hereford, 1 and under 2, 3d premium	713	1,470	2.06	6-02	7-00	7-01	7-11	3-02	4-04½	4-05½	1-10¼	2-00¾	2-09	1-11	2-06	1-11½	1-07	3-11
160	Excelsior, grade Hereford, under 1 year, 1st premium	314	895	2.85	5-06	5-07	5-08	6-08	2-03	3-09¾	4-00	1-09½	2-00½	2-04	1-08	2-02	1-08	1-05	3-05
159	Express, grade Hereford, under 1 year, 2d premium	345	910	2.64	5-05	5-09	5-09	6-11	2-10	3-09¼	4-01	1-10½	2-00¾	2-05	1-06	2-04½	1-06	1-07	3-05
138	Diamond, grade Short-Horn, under 1 year, 3d premium	299	785	2.63	5-06	5-05	5-06	6-03	2-05	4-00	4-00½	1-11½	2-01	2-03	1-07	2-00	1-07	1-05	3-05

REPORTS OF AWARDING COMMITTEES.

CLASS A—CATTLE.

Lot 1—Short-Horns.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
1	Morrow & Renick, Clintonville, Ky..	1,425	2,210	1.55	Schooler
2	" " " ..	1,331	2,010	1.51	Bedford No. 4
3	" " " ..	1,397	2,040	1.46	Weathers
4	" " " ..	1,233	1,960	1.59	Renick Sharon
	Average	1,346	2,055	1.53	

First premium, $30, to steer Schooler, exhibited by Morrow & Renick, Clintonville, Ky.

Second premium, $20, to steer Bedford No. 4, exhibited by Morrow & Renick, Clintonville, Ky.

Third premium, $10, to steer Renick Sharon, exhibited by Morrow & Renick, Clintonville, Ky.

Report of Committee.

The first prize steer, Schooler, had the longest and thickest loin, more thickly covered in the most valuable portions of the carcass, was better filled in the twist than his competitors, and was the smoothest animal in the ring, and remarkably free from patches, considering age and weight. The steer had shorter and thinner neck than his rivals, and was finer in bone and better proportioned, and his handling indicated a more even distribution of fat to lean. The steer was somewhat past the stage of ripeness. The second premium steer was not as finely finished a butcher's bullock as the first and not as well filled in the twist—rather heavier in neck, with light fore quarter, compared with hind quarter; otherwise a very creditable competitor. The third premium animal was a very finely bred butcher's bullock, and in some respects a better bullock than the second premium steer. This steer, however, was more leggy, not as evenly proportioned, and not as well filled in the round as the second premium steer.



Short-Horn Steer, Schooler, exhibited at the American Fat Stock Show, 1885, and awarded first prize in ring for Short-Horn steers 3 and under 4 years.—p. 86

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds since birth	Name of Animal.
5	C. S. Barclay, West Liberty, Ia.	1,078	1,680	1.56	Snow Ball
6	J. H. Potts & Son, Jacksonville	905	1,615	1.78	Frank
7	J. R. Peak & Son, Winchester	1,023	1,869	1.82	Gen. Custer
8	" " "	982	1,805	1.84	L. Cunningham
9	" " "	984	1,800	1.83	Joe Cannon
10	" " "	867	1,645	1.90	Baron Constance
11	" " "	985	1,735	1.76	Cambridge Geneva
12	W. S. White, Sabetha, Kas	1,026	1,960	1.91	Roan Twin
13	Morrow & Renick, Clintonville, Ky.	989	1,720	1.74	Swift
14	" " "	938	1,650	1.76	Cunningham
	Average	978	1,747	1.78	

First premium, $30, to steer Frank, exhibited by J. H. Potts & Son, Jacksonville.

Second premium, $20, to steer Snow Ball, exhibited by C. S. Barclay, West Liberty, Ia.

Third premium, $10, to steer Cambridge Geneva, exhibited J. R. Peak & Son, Winchester.

REPORT OF COMMITTEE.

The first premium animal was a very perfect model of a profitable steer for the butcher. This steer was more compact and blocky than his rivals and was more thickly covered in the most profitable parts of the carcass. The steer was more evenly proportioned throughout and gave every external indication of cutting a larger proportion of net to gross than any other steer in the ring. The small, neat head, short, thin neck and well filled loin were not surpassed, and the straight top side and bottom lines left little if any room for improvement. The second premium steer was a very creditable competitor to the first premium animal, and while presenting a longer loin was not as thickly fleshed or as well filled in the twist as his more successful rival. The third premium animal, when compared with the first and second premium steers, was considered slightly leggy, not quite as well filled in the loin and lacking in covering of the shoulder, with more waste in brisket. This steer was not as thickly fleshed as the other premium animals, which detracted from his handling qualities.

15	B. Waddel, Marion, O.	639	1,360	2.13	Orio
16	Elbert & Fall, Albia, Ia.	497	1,290	2.59	Cleveland
	Average	568	1,325	2.33	

First premium, $30, to steer Cleveland, exhibited by Elbert & Fall, Albia, Ia.

Second premium, $20, to steer Orio, exhibited by B. Waddel, Marion, O.

REPORT OF COMMITTEE.

This animal was thickly covered in the best parts with firm, mellow flesh, and the handling qualities indicated a ripeness surprising in a yearling. The style and finish of this compact, blocky steer left no room for doubt as to his superior breeding and feeding qualities. The unusually large profit to the butcher was assured in the small, neat head, short, thin neck, fineness in bone, the evenly proportioned and thickly meated quarters, well filled twist, and good bottom line. The second premium was awarded a very creditable steer, that was only unfortunate in being a competitor with such an unprecedented, mature, and perfect model as the steer awarded the first premium.

Steer or Spayed Heifer under 1 year.

17	J. R. Peak & Son, Winchester	237	535	2.26	Duke of Ashbrook 2d

First premium, $30, to steer Duke of Ashbrook 2d, exhibited by J. R. Peak & Son, Winchester.

REPORT OF COMMITTEE.

Only one calf was entered in this ring, and while worthy of some consideration, was not large for age, but a well bred calf of much outcome.

LOT 2—HEREFORDS.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days, Nov 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds since birth	Name of Animal.
18	S. & B. Land & Cattle Co., Indianola, Ia	1,264	2,140	1.69	Tom
19	" " " "	1,304	1,805	1.38	Jim
20	" " " "	1,241	1,790	1.44	Alfred
21	" " " "	1,245	1,750	1.40	George
22	Ind. Blooded Stock Co., Indianapolis, Ind.	1,266	2,260	1.78	Suspense
23	Ind. Blooded Stock Co., Indianapolis, Ind.	1,314	2,065	1.57	Champion
24	Ind. Blooded Stock Co., Indianapolis, Ind.	1,316	2,105	1.60	Cornwall
25	Ind. Blooded Stock Co., Indianapolis, Ind.	1,286	1,820	1.41	Stokesay
	Average	1,279	1,967	1.54	

First premium, $30, to steer Suspense, exhibited by Ind. Blooded Stock Co., Indianapolis, Ind.
Second premium, $20, to steer Tom, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.
Third premium, $10, to steer Champion, exhibited by Ind. Blooded Stock Co., Indianapolis, Ind.

REPORT OF COMMITTEE.

The handling qualities of the first-premium steer were some better than those of the second-premium bullock, in that the quarters were rather more evenly proportioned. The length and thickness of the loin was in favor of the first-premium animal, whose top, side and bottom lines were some better than those of his competitors. The first-prize animal was thickly covered with good meat, especially in the best cuts. The second-premium steer was a very superior bullock, and when compared with the first-prize winner, was neater in head, finer in bone, not as fat or finely finished, with not as good lower line, but worthy a prominent place with the best of company. The third-premium steer was worthy of much consideration, and but for a slight lack of filling in the hind quarter, showing a want of profitable proportion in the quarters, would have received more consideration.

26	Adams Earl, Lafayette, Ind	1,023	1,605	1.57	Elkington
27	Geo. Leigh & Co., Aurora	925	1,610	1.74	Sampson
28	" " "	891	1,420	1.59	Bendigo
29	Fowler & Van Natta, Fowler, Ind	1,062	1,710	1.61	Tempest
30	B. Hershey, Muscatine, Ia	1,073	1,680	1.56	Champion
	Average	995	1,605	1.61	

First premium, $30, to steer Sampson, exhibited by Geo. Leigh & Co., Aurora.
Second premium, $20, to steer Tempest, exhibited by Fowler & Van Natta, Fowler, Ind.
Third premium, $10, to steer Elkington, exhibited by Adams Earl, Lafayette, Ind.

REPORT OF COMMITTEE.

The first-premium animal was more compact and blocky than any of his rivals, and the handling indicated better marbled meat. This steer was very evenly proportioned throughout, and finer in bone than the other steers. The second-premium steer was some better in the depth of loin than the first-prize steer, but heavier in bone, and his hind quarters were not in good proportion to the fore quarters, was not well filled back of the shoulder, and somewhat deficient in rump. The third-premium steer was rather coarser in fore quarter than the first and second-prize winners, and was not as well filled in rump, and slightly "cat hammed." This steer was well ribbed, but lacked the superior handling quality of the steers given the first and second honors.

Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
31	Geo. Leigh & Co., Aurora	507	1,195	2 36	Slasher
32	" " "	558	1,055	1.89	Frank
	Average	532	1,125	2 11	

First premium, $30, to steer Slasher, exhibited by George Leigh & Co., Aurora.

Second premium, $20, to steer Frank, exhibited by George Leigh & Co., Aurora.

Report of Committee.

The steer awarded the first prize was more mature for age, and was a much more profitable steer for the feeder, and in form and quality was a much more promising butcher's beast than his only competitor, that was awarded the second premium.

Steer or Spayed Heifer 2 and under 3 years.

33	Jas. J. Hill, St. Paul, Minn	1,022	1,955	1.91	Benholm
34	" " "	1,009	1,770	1.75	Wildy
35	Indiana Blooded Stock Co., Indianapolis, Ind	774	1,610	2.08	Blaine
36	Indiana Blooded Stock Co., Indianapolis, Ind	764	1,515	1.98	Logan
	Average	892	1,712	1.92	

First premium, $30, to steer Wildy, exhibited by Jas. J. Hill, St. Paul, Minn.

Second premium, $20, to steer Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Third premium, $10, to steer Logan, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Report of Committee.

The first premium was awarded a very fine model of a butcher's beast, with form, style and finish seldom excelled. Considering age, this steer was remarkably well matured, and the superior handling qualities gave assurance of a carcass with a large proportion of edible meat. This steer was thickly covered with firm, mellow flesh, and with a length and thickness of loin seldom seen in two-year-old steers. The fineness of bone, nicely proportioned quarters, well-filled twist, left no doubt as to the unusually large proportion of net to gross that would show to the credit of the carcass.

The second-premium steer was a very superior animal, and a very creditable specimen of the breed, but when compared to the first-prize winner, was found to be not as well ribbed, and lacking somewhat in the length and thickness of loin, with rather too heavy a fore quarter to evenly match the hind quarter. This steer would have made a more formidible rival had he carried more flesh.

The third-premium steer was rather coarser in bone, not as well filled in the twist, with a tendency to paunchiness. In length of loin the comparison with the first and second-premium steers was unfavorable.

The third-prize steer, considering age, was a larger but coarser steer than his competitors.

Steer or Spayed Heifer 1 and under 2 years.

37	Gudgell & Simpson, Independence, Missouri	593	1,470	2.48	Sandy

First premium, $30, to steer Sandy, exhibited by Gudgell & Simpson, Independence, Missouri.

REPORT OF COMMITTEE.

The fineness of bone and perfection of outline gave evidence of good breeding and excellent feeding qualities, while the growth and finish of the steer left no room to doubt the skill of the feeder. The steer was a model butcher's and feeder's beast, and only requires continued skillful handling to insure a bullock of the highest degree of excellence.

Steer or Spayed Heifer under 1 year.

No.	Exhibitor.	Age in days, Nov. 10, 1885.....	Weight Nov. 10, 1885.....	Average gain per day, in pounds, since birth	Name of Animal.
38	Gudgell & Simpson, Independence, Mo.....	304	920	3.03	Alex .....

First premium, $30, to steer Alex, exhibited by Gudgell & Simpson, Independence, Mo.

REPORT OF COMMITTEE.

It would be difficult to suggest an improvement in the make-up of this calf, which only needs the same handling as in the past to ensure a very creditable and perfect specimen of the breed.

LOT 5—HOLSTEIN OR FRIESIAN.

Steer or Spayed Heifer 3 and under 4 years.

39	Lucien Scott, Leavenworth, Kas.....	1,412	2,080	1.47	Gottlieb .....

Second premium, $20, to steer Gottlieb, exhibited by Lucien Scott, Leavenworth, Kas.

Steer or Spayed Heifer under 1 year.

40	Thos. B. Wales, Jr., Iowa City, Ia.....	276	690	2.50	Brookbank Lad. .....

Second premium, $20, to steer Brookbank Lad, exhibited by Thomas B. Wales, Jr., Iowa City, Ia.

SUSSEX.

Steer or Spayed Heifer 1 and under 2 years.

188	Overton Lea, Nashville, Tenn	705	1,380	1.96	Rosy.....

Lot 6—Grades and Crosses.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
41	Geo. Elliott, Harristown	1,139	1,765	1 55	Little Britain	Gr. Short-Horn.
42	C. M. Culbertson, Chicago.	1,305	2,140	1.64	Scott.	Grade Hereford.
43	" "	1,305	2,105	1.61	Schuttler	" "
44	" "	1,289	2,025	1.57	Reynolds	" "
45	" "	1,214	1,890	1.56	Dysart	" "
46	" "	1,275	1,945	1.52	Pearee	" "
47	Adams Earl, Lafayette, Ind.	1,252	2,160	1.72	Dick	" "
48	" "	1,302	2,070	1.59	Excelsior	" "
49	J. H. Potts & Son, Jacksonville	1,354	1,940	1.43	Champion	Gr. Short-Horn.
50	J. H Potts & Son, Jacksonville	1,136	1,685	1.48	Surprise	" " "
51	Swan & Bosler L. & C. Co., Indianola, Ia.	1,288	2,320	1.80	Jake	Grade Hereford.
52	John D. Gillett, Elkhart	1,251	2,100	1 68	J. P. Reynolds	Gr. Short-Horn.
53	" " "	1,315	2,050	1.56	Right About.	" " "
54	" " "	1,413	2,015	1 43	McCue.	" " "
55	John P. Gillett, Elkhart	1,438	2,245	1 56	Barney.	" " "
56	" " "	1,234	1,750	1.42	Cherry.	" " "
57	Fowler & VanNatta, Fowler, Ind	1,266	2,345	1.85	McGregor	Grade Hereford.
58	Fowler & VanNatta, Fowler, Ind.	1,306	2,345	1.79	Regulus	" "
59	Lucien Scott, Leavenworth, Kas.	1,293	2,050	1.59	Boots.	Grade Holstein.
60	Lucien Scott, Leavenworth, Kas	1,204	1,460	1 21	Jessie.	Grade Hereford.
61	B Waddel, Marion, O	1,166	2,080	1.78	Dan	Gr. Short-Horn.
62	John B. Sherman, Chicago	1,223	2,125	1.74	Warfield	" " "
63	" "	1,270	2,185	1 72	Richland.	" " "
64	" "	1,326	2,220	1.67	Albright	Grade Hereford.
65	" "	1,431	2,220	1.55	Longmore.	Gr. Short-Horn.
66	Jas. J. Hill, St. Paul, Minn.	1,357	2,455	1.81	Hutcheon	Grade Angus.
67	" "	1,383	2,140	1.55	Turriff	" "
68	Ind. Bld. Stock Co., Indianapolis, Ind.	1,350	1,900	1.41	Stonington.	Grade Hereford.
69	Morrow & Renick, Clintonville, Ky.	1,417	2,320	1 64	Eales.	Gr. Short-Horn.
	Average	1,293	2,071	1.60		

First premium, $30, to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.

Second premium, $20, to steer Dysart, exhibited by C. M Culbertson, Chicago.

Third premium, $10, to steer Scott, exhibited by C. M. Culbertson, Chicago.

Report of Committee.

The first-premium animal was well filled in every part, and in handling gave assurance of furnishing a careass not equaled in quality by any of his competitors, while in general make-up the steer promised to dress as large per cent of net to gross as any steer in the ring. The fineness of bone, considering weight, the nicely-proportioned quarters, and the splendid loin, with the thick covering of soft, mellow flesh, left but little it any room for improving this model butcher's bullock. The second-premium steer was a very even match for the first-prize animal; was rather finer in bone, more compact, some better in the twist, and equally as well matured, but was not as thickly fleshed, and would not dress as large per cent of the best quality of edible meat.

Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
70	C. S. Barclay, West Liberty, Ia	1,077	1,900	1.76	White Cedar	Gr. Short-Horn
71	Chas. B. Stuart, Lafayette, Ind	910	1,590	1.65	Texas Boy	Grade Hereford
72	Seabury & Sample, Lafayette, Ind	910	1,705	1.87	Joe	" "
73	J. H. Potts & Son, Jacksonville	962	1,810	1.88	Red Cloud	Gr. Short-Horn
74	J. H. Potts & Son, Jacksonville	961	1,805	1.88	Victor	" "
75	J. H. Potts & Son, Jacksonville	872	1,580	1.81	Major Taylor	" "
76	J. H. Potts & Son, Jacksonville	905	1,545	1.71	Richmond	" "
77	J. H. Potts & Son, Jacksonville	906	1,640	1.81	Billie S	" "
78	J. H. Potts & Son, Jacksonville	985	1,610	1.63	Mack	" "
79	J.R. Peak & Son, Winchester	976	1,685	1.73	Roan Boy	" "
80	" "	944	1,580	1.67	Wild Bill	" "
81	John D. Gillett, Elkhart	1,002	1,900	1.90	Rocket	" "
82	" "	967	1,760	1.82	Driver	" "
83	" "	915	1,775	1.94	Victor	" "
84	" "	868	1,865	2.15	Doc Woods	" "
85	" "	976	1,595	1.63	Col. Mills	" "
86	John P. Gillett, Elkhart	933	1,655	1.77	Constance	" "
87	" "	828	1,560	1 88	Red Plum	" "
88	" "	935	1,770	1.89	Cuba	" "
89	" "	1,042	1,730	1.66	Cain	" "
90	Fowler & VanNatta, Fowler, Ind	1,017	1,905	1.87	Dandy Boy	Grade Hereford
91	Fowler & VanNatta, Fowler, Ind	1,046	1,805	1.72	Benton Will	" "
92	Fowler & VanNatta, Fowler, Ind	1,030	1,930	1.87	Adams	" "
93	Fowler & VanNatta, Fowler, Ind	874	1,304	1.50	Peter	Hereford-Jersey
94	Lucien Scott, Leavenworth, Kas	999	1,920	1.92	Captain	Grade Holstein
95	B. Hershey, Muscatine, Ia	978	1,920	1.96	Prospect	Grade Hereford
96	John B. Sherman, Chicago.	965	1,840	1.91	Gem	Gr. Short-Horn
97	" "	940	1,620	1.72	Turk	" "
98	Forbes Bros., Henry	1,017	1,800	1.77	Reuben Broadus.	" "
99	" "	976	1,690	1.73	Varna	" "
100	Morrow & Renick, Clintonville, Ky	925	1,815	1.96	Little Billy	" "
101	Morrow & Renick, Clintonville, Ky	894	1,640	1.83	Buckner	" "
102	Morrow & Renick, Clintonville, Ky	1,000	1,650	1.65	Morrow	" "
	Average	956	1,721	1.80		

First premium, $30, to steer Richmond, exhibited by J. H. Potts & Son, Jacksonville.
Second premium, $20, to steer Gem, exhibited by John B. Sherman, Chicago.
Third premium, $10, to steer Dandy Boy, exhibited by Fowler & VanNatta, Fowler, Ind.

Report of Committee.

The first-prize steer was a choicely-bred butcher's bullock and the best proportioned animal in the ring. The small head, short thin neck, fine bone and compact, blocky form so thickly and evenly covered with firm, mellow flesh, gave assurance that this steer would cut to better profit than his rivals and furnish the consumer meat of a quality not surpassed by any of his competitors. The steer awarded the second premium was equally as well topped as the first-premium steer with more length of loin, but was not as well covered back of the shoulder and too thickly padded hips (?). The third-premium steer, when compared to the first and second prize winners, was coarse in fore quarter—with too much leg—and not as thick in the loin, but a very smooth steer and lacking but little, in other respects, the quality of his more successful rivals.

Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
103	T. W. Hunt, Ashton	569	1,210	2.13	Billy	Gr. Short-Horn
104	" "	577	1,200	2.08	Reliance	" "
105	Seabury & Sample, Lafayette, Ind	700	1,435	2 05	Bob	Grade Hereford.
106	Seabury & Sample, Lafayette, Ind	691	1,390	2.01	Mort	" "
107	Seabury & Sample, Lafayette, Ind	701	1,185	1.69	Sam	" "
108	Seabury & Sample, Lafayette, Ind	699	1,630	2.33	Jack	" "
109	Adams Earl, Lafayette, Ind.	713	1,470	2 06	Sir Bartle 1st	" "
110	" "	591	1,515	2.56	Sir Bartle 2d	" "
111	" "	574	1,420	2.47	Sir Bartle 3d	Her'f'rd-Sh-Horn
112	" "	567	1,295	2.28	Sir Bartle 4th	Grade Hereford.
113	" "	536	1,325	2.47	Sir Bartle 5th	" "
114	" "	535	1,220	2.28	Lafayette	" "
115	J. H. Potts & Son, Jacksonville	685	1,325	1.93	Bob Moore	Gr. Short-Horn
116	J. R. Peak & Son, Winchester	621	1,140	1.83	Tommylin	" "
117	J. R. Peak & Son, Winchester	617	1,275	2.07	Henry	" "
118	J. R. Peak & Son, Winchester	632	1,155	1.83	Marcus	" "
119	J. R. Peak & Son, Winchester	619	1.170	1.90	Richard	" "
120	J. R. Peak & Son, Winchester	608	1,290	2.12	Arch	" "
121	J. R. Peak & Son, Winchester	.....	.....	.....	Rover	.....
121	S. & B. Land and Cattle Co., Indianola, Ia	470	1,155	2.46	Roan Dan	Grade Hereford.
122	John D. Gillett, Elkhart	709	1,505	2.12	Champion	Gr. Short-Horn
123	" "	677	1,470	2.17	Roy	" "
124	" "	506	1,260	2.49	Bob	" "
125	" "	534	1,280	2.40	Lightfoot	" "
126	Fowler & VanNatta, Fowler, Ind.	697	1,355	1.94	Sam	Grade Hereford.
127	Fowler & VanNatta, Fowler, Ind	609	1,280	2 10	Matthew	" "
128	Estill & Elliott, Estill, Mo	589	1,310	2.22	Charlie	Grade Angus
129	" "	607	1,330	2.19	Clarence	" "
130	Lucien Scott, Leavenworth, Kas	689	1,300	1.89	Last Chance	Grade Holstein
131	Wm. R. Estill, Estill, Mo	605	1,360	2.25	Flash	Grade Angus
132	B. Waddel, Marion O	365	1,065	2.92	Phillip	Gr. Short-Horn
133	Ind. Bl'd Stock Co., Indianapolis, Ind	714	1,555	2.18	Lindall	Grade Hereford.
134	Ind. Bl'd Stock Co., Indianapolis, Ind	705	1,475	2.09	Leland	" "
135	Ind. Bl'd Stock Co., Indianapolis, Ind	666	1,290	1.94	Photograph	" "
	Average	617	1,322	2.14		

First premium, $30, to steer Sir Bartle 2d, exhibited by Adams Earl, Lafayette, Ind.
Second premium, $20, to steer Sir Bartle 4th, exhibited by Adams Earl, Lafayette, Ind.
Third premium, $10, to steer Sir Bartle 1st, exhibited by Adams Earl, Lafayette, Ind.

Report of Committee.

Steer or Spayed Heifer 1 and under 2.

A larger and better average lot of yearling steers has never before been exhibited at the Show. In gain per day the ring made the average of 2.14 pounds, which considering the large number of animals is quite remarkable. The number of feeders competing in this ring, when considered with the rapid growth of the lot, evinces the fact that the number of good breeders and feeders is not limited, or the skillful cattlemen confined to any circumscribed territory.

The first premium was awarded to a remarkably growthy and mature steer, considering age. This animal was the best handler, was more evenly quartered and had the longest and thickest lion of any steer in the ring. The steer had a small, neat head, short, thin neck, with fine bone and was thickly meated down to hock and gambrel joints. There is no doubt that the steer will dress an unusually large proportion of net to gross, and the handling qualities give assurance of an extra quality of meat.

The second premium steer was a very creditable companion to the first premium animal, but in comparison lacked somewhat in handling qualities—not as thickly fleshed or as well filled in the lion and twist.

The third premium steer was a very choice animal, but rather coarser in bone than the first and second prize winners—fore quarters rather light in comparison to hind quarters, but a very superior and profitable animal for the feeder, butcher and consumer, and worthy of a good place in the very excellent ring in which he was shown.

Steer or Spayed Heifer under 1 year.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
136	Seabury & Sample, Lafayette, Ind	351	1,050	2.99	Jumbo	Grade Hereford
137	Seabury & Sample, Lafayette, Ind	316	825	2.61	Davy	"
138	J. H. Potts & Son, Jacksonville	299	785	2.63	Diamond	Gr. Short-Horn
139	J. R. Peak & Son, Winchester	339	885	2.61	Crown Prince	"
140	J. R. Peak & Son, Winchester	291	815	2.80	Lord Thomas	"
141	J. R. Peak & Son, Winchester	245	760	3.10	Antony	"
142	J. R. Peak & Son, Winchester	358	770	2.15	William Wissly	"
143	Swan & Bosler L. & C. Co., Indianola, Ia	354	1,000	2.82	Honest Ben	Grade Hereford
144	Swan & Bosler L. & C. Co., Indianola, Ia	345	925	2.68	Model	"
145	Swan & Bosler L. & C. Co., Indianola, Ia	319	850	2.66	Swan's Shield	"
146	Swan & Bosler L. & C. Co., Indianola, Ia	353	825	2 34	Pattern	"
147	Swan & Bosler L. & C. Co., Indianola, Ia	318	805	2.53	Experiment	"
148	Henry Davis, Dyer, Ind	180	580	3.22	Marquis	"
149	Wm. R. Estill, Estill, Mo	266	750	2 82	Felix	Grade Angus
150	B. Hershey, Muscatine, Ia	235	720	3.06	Sam	Grade Hereford
151	" "	277	810	2.92	Frank	"
152	B. Waddel, Marion, O	118	405	3.43	Charley	Gr. Short-Horn
153	Jas. A. Funkhouser, Plattsburg, Mo	299	800	2.67	Challenge	Grade Hereford
154	Jas. A. Funkhouser, Plattsburg, Mo	289	765	2 65	Curtis	"
155	Jas. A. Funkhouser, Plattsburg, Mo	288	765	2.65	Chromo	"
156	Jas. A. Funkhouser, Plattsburg, Mo	262	700	2.67	Clinton	"
157	Jas. A. Funkhouser, Plattsburg, Mo	262	700	2.67	Conquest	"
158	Frank Willson, Jackson, Mich	294	860	2.92	Monarch	Gr. Short-Horn
159	J. R. Price & Son, Williamsville	345	910	2.64	Express	Grade Hereford
160	J. R. Price & Son, Williamsville	314	895	2.85	Excelsior	"
	Average	292	798	2.73		

First premium, $30, to steer Excelsior, exhibited by J. R. Price & Son, Williamsville.

Second primium, $20, to steer Express, exhibited by J. R. Price & Son, Williamsville.

Third premium, $10 to steer Diamond, exhibited by J. H. Potts & Son, Jacksonville.

REPORT OF COMMITTEE.

This ring was composed of twenty-five growthy steers of unusual excellence, and the average quality of the lot has never been better at any previous show. The three leading beef breeds were most creditably represented, and the most critical examination demonstrated the fact that there was but a shade of difference in the quality and finish of the prize winners and a number of others that were not decorated with ribbons.

The first premium steer was the most compact and blocky animal in the ring, and considering weight, was the finest in bone. The large average gain per day made by this steer confirmed other evidences of his superior feeding qualities, while the conformation left no doubt of his good breeding. This steer had a small, neat head, short, thin neck, and straight top, bottom and side lines. It would be difficult to find a more promising steer for future developement.

The second premium steer was a very perfect model for a feeder, but when compared with the first premium animal was some heavier in bone and not as neat in the neck and lacked in length of loin.

The third premium steer was not quite as well developed or matured for age as the first or second prize winners, but otherwise as good.

LOT 8—ALL BREEDS AND GRADES, BY AGES.

Steer or Spayed Cow 3 and under 4 years.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
1	Morrow & Renick, Clintonville, Ky	1,425	2,210	1.55	Schooler	Short-Horn
22	Ind. Bl'd Stock Co., Indianapolis, Ind	1,266	2,260	1.78	Suspense	Hereford
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	Grade Hereford
	Average	1,332	2,272	1.70		

Premium, $50, to steer, Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.

Steer or Spayed Heifer 2 and under 3 years.

6	J. H. Potts & Son, Jacksonville	905	1,615	1.78	Frank	Short-Horn
27	Geo. Leigh & Co., Aurora	925	1,610	1.74	Sampson	Hereford
34	Jas. J. Hill, St. Paul, Minn.	1,009	1,770	1.75	Wildy	Angus
76	J. H. Potts & Son, Jacksonville	905	1,545	1.71	Richmond	Gr. Short-Horn
	Average	936	1,635	1.75		

Premium, $50, to steer Sampson, exhibited by George Leigh & Co., Aurora.

Steer or Spayed Heifer 1 and under 2 years.

16	Elbert & Fall, Albia, Ia	497	1,290	2.59	Cleveland	Short-Horn
31	Geo. Leigh & Co., Aurora	507	1,195	2.36	Slasher	Hereford
37	Gudgell & Simpson, Independence, Mo	593	1,470	2.48	Sandy	Angus
110	Adams Earl, Lafayette, Ind	591	1,515	2.56	Sir Bartle 2d.	Grade Hereford
	Average	547	1,367	2.50		

Premium, $50, to steer Cleveland, exhibited by Elbert & Fall, Albia, Ia.

Steer or Spayed Heifer under 1 year.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
17	J. R. Peak & Son, Winchester	237	535	2.26	Duke of Ashbr'ok 2d	Short-Horn
38	Gudgell & Simpson, Independence, Mo	304	920	3.03	Alex	Angus
160	J. R. Price & Son, Williamsville	314	895	2.85	Excelsior	Grade Hereford
	Average	285	783	2.75		

Premium, $50, to steer Excelsior, exhibited by J. R. Price & Son, Williamsville.

Lot 9—Sweepstakes.

Best Animal shown in Lot 1—Short-Horns.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
1	Morrow & Renick, Clintonville, Ky	1,425	2,210	1.55	Schooler
6	J. H. Potts & Son, Jacksonville	905	1,615	1.78	Frank
16	Elbert & Fall, Albia, Ia	497	1,290	2.59	Cleveland
17	J. R. Peak & Son, Winchester	237	535	2.26	Duke of Ashbrook 2d

Premium, $75, to steer Cleveland, exhibited by Elbert & Fall. Albia, Ia.

Best Animal shown in Lot 2—Herefords.

22	Indiana Blooded Stock Co., Indianapolis, Ind	1,266	2,260	1.78	Suspense
27	Geo. Leigh & Co., Aurora	925	1,610	1.74	Sampson
31	" " "	507	1,195	2.36	Slasher

Premium, $75, to steer Suspense, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Best Animal shown in Lot 4—Aberdeen-Angus.

34	Jas. J. Hill, St. Paul, Minn	1,009	1,770	1.75	Wildy
33	" "	1,022	1,955	1.91	Benholm
37	Gudgell & Simpson, Independence, Missouri	593	1,470	2.48	Sandy
38	Gudgell & Simpson, Independence, Missouri	304	920	3.03	Alex

Premium, $75, to steer Benholm, exhibited by Jas. J. Hill, St. Paul, Minn.



Short-Horn Steer, Cleveland, exhibited by Elbert & Fall, Albia, Iowa. Awarded Sweepstakes prize as best Short-Horn exhibited at the American Fat Stock Show, 1885.—p. 96.

Best Animal shown in Lot 6—Grades and Crosses.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	Gr. Hereford
76	J. H. Potts & Son, Jacksonville	905	1,545	1.71	Richmond	Gr. Short-Horn
110	Adams Earl, Lafayette, Ind.	591	1,515	2.56	Sir Bartle 2d	Gr. Hereford
160	J. R. Price & Son, Williamsville	314	895	2.85	Excelsior	" "
138	J. H. Potts & Son, Jacksonville	299	785	2.63	Diamond	Gr. Short-Horn

Premium, $75, to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.

Lot 10—Grand Sweepstakes.

Best Steer or Spayed Heifer in the Show.

161	Wm. Millar, Mattoon	2,796	2,045	.73	Lilly Airdrie 2d	Short-Horn
162	W. G. Snyder, Henry	2,768	1,600	.58	Rose Culver	"
163	Swan Bros., Indianola, Ia	1,604	1,875	1.17	Grace	Hereford
16	Elbert & Fall, Albia, Ia	497	1,290	2.59	Cleveland	Short-Horn
22	Indiana Blooded Stock Co., Indianapolis, Ind	1,266	2,260	1.78	Suspense	Hereford
33	Jas. J. Hill, St. Paul, Minn.	1,022	1,955	1.91	Benholm	Angus
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	Gr. Hereford

Premium, $100, to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.

Lot 11—Pen of Cattle.

Five Steers or Spayed Cows 3 and under 4 years.

Pen No. 1.

42	C. M. Culbertson, Chicago	1,305	2,140	1.64	Scott	Grade Hereford
43	" "	1,305	2,105	1.61	Schuttler	"
44	" "	1,289	2,025	1.57	Reynolds	"
45	" "	1,214	1,890	1.56	Dysart	"
46	" "	1,275	1,945	1.52	Pearce	"
	Average	1,278	2,021	1.58		

Pen No. 2.

18	Swan & Bosler L. & C. Co., Indianola, Ia	1,264	2,140	1.69	Tom	Hereford
19	Swan & Bosler L. & C. Co., Indianola, Ia	1,304	1,805	1.38	Jim	"
20	Swan & Bosler L. & C. Co., Indianola, Ia	1,241	1,790	1.44	Alfred	"
51	Swan & Bosler L. & C. Co., Indianola, Ia	1,288	2,320	1.80	Jake	Grade Hereford
21	Swan & Bosler L. & C. Co., Indianola, Ia	1,245	1,750	1.40	George	Hereford
	Average	1,268	1,961	1.55		

PEN No. 3.

No.	Exhibitor.	Age in days Nov. 10, 1885.....	Weight Nov. 10, 1885.....	Average gain per pay, in pounds, since birth.....	Name of Animal.	Breed.
54	John D. Gillett, Elkhart	1,413	2,015	1.43	McCue.....	Gr. Short-Horn..
52	" "	1,251	2,100	1.68	J. P. Reynolds. .	" ..
53	" "	1,315	2,050	1.56	Right About.....	" ..
164	" "	1.199	1,945	1.62	Dane.	" ..
165	" "	1,292	1,925	1.49	Lookover	" ..
	Average	1,294	2,007	1.55		

PEN No. 4.

166	John P. Gillett, Elkhart.....	1,310	2,060	1.57	Adams.....	Gr. Shorn-Horn..
55	" "	1,438	2,245	1.56	Barney	" ..
167	" "	1,339	1,965	1.47	Pointover	" ..
56	" "	1,234	1,750	1.42	Cheney	" ..
168	" "	1,390	1,930	1.39	Red Jacket	" ..
	Average	1,342	1,990	1.49		

PEN No. 5.

62	John B. Sherman, Chicago.	1,223	2,125	1.74	Warfield	Gr. Short-Horn..
169	" "	1,216	2,160	1.78	Ben	" ..
64	" "	1,326	2,220	1.67	Albright	" ..
63	" "	1,270	2,185	1.72	Richland	" ..
170	" "	1,260	1,970	1.56	Benbow's Prize..	" ..
	Average.....	1,259	2,132	1.69		

PEN No. 6.

66	Jas. J. Hill, St. Paul, Minn.	1,357	2,455	1.81	Hutcheon	Grade Angus.....
67	" "	1,383	2,140	1.55	Turreff.	" .....
171	" "	1,404	2,000	1.42	Rettie.....	Angus Short-H'n
172	" "	1,336	2,070	1.55	Mackesack.....	"
173	" "	1,305	2,115	1.62	Kinloss	"
	Average.....	1,357	2,156	1.59		

PEN No. 7.

22	Ind. Bl'd Stock Co., Indianapolis, Ind.....	1,266	2,260	1.78	Suspense.....	Hereford .....
23	2nd. Bl'd Stock Co., Indianapolis, Ind..... .	1.314	2,065	1.57	Champion.....	" .....
24	Ind. Bl'd Stock Co., Indianapolis, Ind.....	1,316	2,105	1.60	Cornwall.....	" .....
68	Ind. Bl'd Stock Co., Indianapolis, Ind.....	1,350	1,900	1.41	Stonington.....	Grade Hereford.
25	Ind. Bl'd Stock Co., Indianapolis, Ind.....	1,286	1,820	1.42	Stokesay	Hereford .....
	Average.....	1,306	2,030	1.55		

PEN No. 8.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
1	Morrow & Renick, Clinton-tonville, Ky	1,425	2,210	1.55	Schooler	Short-Horn
69	Morrow & Renick, Clinton-ville, Ky	1,417	2,320	1.64	Eales	Gr. Short-Horn
4	Morrow & Renick, Clinton-ville, Ky	1,233	1,960	1.59	Renick Sharon	Short-Horn
2	Morrow & Renick, Clinton-ville, Ky	1,331	2,010	1.51	Bedford No. 4	"
3	Morrow & Renick, Clinton-ville, Ky	1,397	2,040	1.46	Weathers	"
	Average	1,361	2,108	1.55		

First premium, $150, to Pen No. 7, exhibited by Indiana Blooded Stock Company, Indianapolis, Ind.
Second premium, $75, to Pen No. 8, exhibited by Morrow & Renick, Clintonville, Ky.

Five Steers or Spayed Heifers 2 and under 3 years.

PEN No. 1.

74	J. H Potts & Son, Jackson-ville	961	1,805	1.88	Victor	Gr. Short-Horn
6	J. H. Potts & Son, Jackson-ville	905	1,615	1.78	Frank	Short-Horn
73	J. H. Potts & Son, Jackson-ville	962	1,810	1.88	Red Cloud	Gr. Short-Horn
76	J. H. Potts & Son, Jackson-ville	905	1,545	1.71	Richmond	"
77	J. H. Potts & Son, Jackson-ville	906	1,640	1.81	Billie S	"
	Average	928	1,683	1.81		

PEN No. 2.

79	J.R.Peak & Son, Winchester	976	1,685	1.73	Roan Boy	Gr. Short-Horn
8	" "	982	1,805	1.84	L. Cunningham	"
7	" "	1,023	1,860	1.82	Gen. Custer	Short-Horn
9	" "	984	1,800	1.83	Joe Cannon	"
11	" "	985	1,735	1.76	Cambr'ge Geneva	"
	Average	990	1,777	1.79		

PEN No. 3.

81	John D. Gillett, Elkhart	1,002	1,900	1.90	Rocket	Gr. Short-Horn
82	" " "	967	1,760	1.82	Driver	"
174	" " "	1,043	1,960	1.88	Fisher	"
83	" " "	915	1,175	1.94	Victor	"
84	" " "	868	1,865	2.15	Doc. Woods	"
	Average	959	1,852	1.93		

PEN NO. 4.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
88	John P. Gillett, Elkhart	935	1,770	1.89	Cuba	Gr. Short-Horn
175	" "	832	1,680	2.02	York	"
176	" "	829	1,590	1.92	Skipper	"
89	" "	1,042	1,730	1.66	Cain	"
177	" "	1,042	1,575	1.51	Abel	"
	Average	936	1,669	1.78		

PEN NO. 5.

178	Fowler & Van Natta, Fowler, Ind	989	1,840	1.86	Jerry	Gr. Hereford
29	Fowler & Van Natta, Fowler, Ind	1,062	1,710	1.61	Tempest	Hereford
90	Fowler & Van Natta, Fowler, Ind	1,017	1,905	1.87	Dandy Boy	Gr. Hereford
92	Fowler & Van Natta, Fowler, Ind	1,030	1,934	1.87	Adams	"
91	Fowler & Van Natta, Fowler, Ind	1,046	1,805	1.72	Benton Will	"
	Average	1,029	1,838	1.79		

PEN NO. 6.

96	John B. Sherman, Chicago.	965	1,840	1.91	Gem	Gr. Short-Horn
179	" "	1,028	1,795	1.66	Victor	Short-Horn
180	" "	961	1,560	1.62	Greenview	Gr. Short-Horn
97	" "	940	1,620	1.72	Turk	"
181	" "	910	1,610	1.77	Red Knight	"
	Average	961	1,667	1.73		

PEN NO. 7.

100	Morrow & Renick, Clintonville, Ky	925	1,815	1.96	Little Billy	Gr. Short-Horn
101	Morrow & Renick, Clintonville, Ky	894	1,640	1.83	Buckner	"
102	Morrow & Benick, Clintonville, Ky	1,000	1,650	1.65	Morrow	"
14	Morrow & Renick, Clintonville, Ky	938	1,650	1.76	Cunningham	Short-Horn
13	Morrow & Renick, Clintonville, Ky	989	1,720	1 74	Swift	"
	Average	949	1,695	1.78		

First premium, $150, to Pen No. 5, exhibited by Fowler & Van Natta, Fowler, Ind.
Second premium, $75, to Pen No. 6, exhibited by John B. Sherman, Chicago.



Aberdeen-Angus Steer, Benholm, exhibited by Jas. J. Hill, St. Paul, Minn. Awarded Sweepstakes prize as best Angus Steer exhibited at the American Fat Stock Show, 1885.—p. 100.

Five Steers or Spayed Heifers, 1 and under 2 years.

Pen No. 1.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
105	Seabury & Sample, Lafayette, Ind	700	1,435	2.05	Bob	Grade Hereford
106	Seabury & Sample, Lafayette, Ind	691	1,390	2.01	Mort	"
107	Seabury & Sample, Lafayette, Ind	701	1,185	1.69	Sam	"
108	Seabury & Sample, Lafayette, Ind	699	1,630	2.33	Jack	"
182	Seabury & Sample, Lafayette, Ind	676	1,330	1.97	George	"
	Average	693	1,394	2.01		

Pen No. 2.

109	Adams Earl, Lafayette, Ind.	713	1,470	2.06	Sir Bartle 1st	Grade Hereford
110	" "	591	1,515	2.56	Sir Bartle 2d.	"
111	" "	574	1,420	2.47	Sir Bartle 3d.	"
112	" "	567	1,295	2.28	Sir Bartle 4th	"
113	" "	536	1,325	2.47	Sir Bartle 5th	"
	Average	596	1,405	2.36		

Pen No. 3.

117	J. R. Peak & Son, Winchester	617	1,275	2.07	Henry	Gr. Short-Horn
120	J. R. Peak & Son, Winchester	608	1,290	2.12	Arch	"
118	J. R. Peak & Son, Winchester	632	1,155	1.83	Marcus	"
119	J. R. Peak & Son, Winchester	619	1,170	1.90	Richard	"
116	J. R. Peak & Son, Winchester	621	1,140	1.83	Tommylin	"
	Average	619	1,206	1.95		

Pen No. 4.

122	John D. Gillett, Elkhart	709	1,505	2.12	Champion	Gr. Short-Horn
183	" " "	677	1,405	2.07	Royal	"
125	" " "	534	1,280	2.40	Lightfoot	"
184	" " "	470	1,370	2.91	Morris	"
123	" " "	677	1,470	2.17	Roy	"
	Average	613	1,406	2.29		

PEN No. 5.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
133	Ind. Bld. Stock Co., Indianapolis, Ind	714	1,555	2.18	Lindall	Grade Hereford.
134	Ind. Bld. Stock Co., Indianapolis, Ind	705	1,475	2.09	Leland	" "
135	Ind. Bld. Stock Co., Indianapolis, Ind	666	1,290	1.94	Photograph	" "
185	Ind. Bld. Stock Co., Indianapolis, Ind	432	930	2.15	Tom	" "
186	Ind. Bld. Stock Co., Indianapolis, Ind	421	925	2.20	Jerry	" "
	Average	588	1,235	2.10		

First premium, $150, to Pen No. 2, exhibited by Adams Earl, Lafayette, Ind.

Second premium, $75, to Pen No. 5, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

PEN No. 1.

Five Steers or Spayed Heifers under 1 year.

139	J. R. Peak & Son, Winchester	339	885	2.61	Crown Prince	Gr. Short-Horn..
140	J. R. Peak & Son, Winchester	291	815	2.80	Lord Thomas	" " ..
141	J. R. Peak & Son, Winchester	245	760	3.10	Antony	" " ..
142	J. R. Peak & Son, Winchester	358	770	2.15	Wm. Wessly	" " ..
17	J. R. Peak & Son, Winchester	237	535	2.26	Duke of Ashbrook 2d.	Short-Horn
	Average	294	753	2.56		

PEN No. 2,

143	S. and B. Land and Cattle Co., Indianola, Ia	354	1,000	2.82	Honest Burt	Grade Hereford..
144	S. and B. Land and Cattle Co., Indianola, Ia	345	925	2.63	Model	" " ..
146	S. and B. Land and Cattle Co., Indianola, Ia	353	825	2.34	Pattern	" " ..
147	S. and B. Land and Cattle Co., Indianola, Ia	318	804	2.53	Experiment	" " ..
145	S. and B. Land and Cattle Co., Indianola, Ia	319	850	2.66	Swan's Shield	" " ..
	Average	338	881	2.61		

PEN No. 3.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
152	Jas. A. Funkhouser, Plattsburg, Mo	299	800	2.67	Challenge	Grade Hereford.
154	Jas. A. Funkhouser, Plattsburg, Mo	289	765	2.65	Curtis	" "
155	Jas. A. Funkhouser, Plattsburg, Mo	288	765	2.66	Chromo	" "
156	Jas. A. Funkhouser, Plattsburg, Mo	262	700	2.67	Clinton	" "
157	Jas. A. Funkhouser, Plattsburg, Mo	262	700	2.67	Conquest	" "
	Average	280	746	2.66		

First premium, $150, to Pen No. 3, exhibited by Jas. A. Funkhouser, Plattsburg, Mo.

Second premium, $75, to Pen No. 2, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Ia.

LOT 12—DRESSED CARCASS.

Steer, Spayed Cow 3 and under 4 years.

47	Adams Earl, Lafayette, Ind.	1,252	2,160	1.72	Dick	Grade Hereford.
48	" " " "	1,302	2,070	1.59	Excelsior	" "
50	J. H. Potts & Son, Jacksonville	1,136	1,685	1.48	Surprise	Gr. Short-Horn.
39	Lucien Scott, Leavenworth, Kas	1,412	2,080	1.47	Gottlieb	Holstein
59	Lucien Scott, Leavenworth, Kas	1,293	2,050	1.59	Boots	Grade Holstein.
69	Lucien Scott, Leavenworth, Kas	1,204	1,460	1.21	Jessie	Grade Hereford.
66	Jas. J. Hill. St. Paul, Minn.	1,357	2,455	1.81	Hutcheon	Grade Angus
67	" " " "	1,383	2,140	1.55	Turriff	" "
173	" " " "	1,305	2,115	1.62	Kinloss	
165	J. D. Gillett, Elkhart	1,292	1,925	1.49	Lookover	Gr. Short-Horn.
19	S. and B. Land and Cattle Co., Indianola, Ia.	1,304	1,805	1.38	Jim	Hereford
22	Ind. Bld. Stock Co., Indianapolis, Ind	1,266	2,260	1.78	Suspense	"
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	Grade Hereford.
	Average	1,293	2,042	1.58		

Premium, $75, to steer Turriff, exhibited by Jas. J. Hill, St. Paul, Minn.

Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
5	C. S. Barclay, West Liberty, Ia	1,078	1,680	1.56	Snow Ball	Short-Horn
72	Seabury & Sample, Lafayette, Ind	910	1,705	1.87	Joe	Grade Hereford
26	Adams Earl, Lafayette, Ind.	1,023	1,605	1.59	Elkington	Hereford
79	J. R. Peak & Son, Winchester	976	1,685	1.73	Roan Boy	Gr. Short-Horn
87	John P. Gillett, Elkhart	828	1,560	1.88	Red Plum	" "
28	Geo. Leigh & Co., Aurora	891	1,420	1.59	Bendigo	Hereford
90	Fowler & VanNatta, Fowler, Ind.	1,017	1,905	1.87	Dandy Boy	Grade Hereford.
94	Lucien Scott, Leavenworth, Kas	999	1,920	1.92	Captain	Grade Holstein
187	Lucien Scott, Leavenworth, Kas	962	1,445	1.50	Faith	Grade Hereford.
30	B. Hershey, Muscatine, Ia.	1,073	1,680	1.56	Champion	Hereford
12	W. S. White, Sabetha, Kas.	1,026	1,960	1.91	Roan Twin	Short-Horn
98	Forbes Bros., Henry	1,017	1,800	1.77	Reuben Broadus.	Gr. Short-Horn
99	" " "	976	1,690	1.73	Varna	" "
33	Jas. J. Hill, St. Paul, Minn.	1,022	1,955	1.91	Benholm	Ab.-Angus
82	John D. Gillett, Elkhart	967	1,760	1.82	Driver	Gr. Short-Horn
	Average	984	1,718	1.74		

Premium, $75, to steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.

Steer or Spayed Heifer 1 and under 2 years.

109	Adams Earl, Lafayette, Ind.	713	1,470	2.06	Sir Bartle 1st	Grade Hereford
116	J. R. Peak & Son, Winchester	621	1,140	1.83	Tommylin	Gr. Short-Horn
121	S. & B. Land and Cattle Co., Indianola, Ia.	470	1,155	2.46	Roan Dan	Grade Hereford.
124	John D. Gillett, Elkhart	506	1,260	2.49	Bob	Gr. Short-Horn
126	Fowler & VanNatta, Fowler, Ind.	697	1,355	1.94	Sam	Grade Hereford.
188	Overton Lea, Nashville, Tenn	705	1,380	1.96	Rosy	Sussex
130	Lucien Scott, Leavenworth, Kas	689	1,300	1.89	Last Chance	Grade Holstein
128	Estill & Elliott, Estill, Mo.	589	1,310	2.22	Charlie	Ang.-Short-Horn
132	B. Waddel, Marion O	365	1,065	2.92	Philip	Gr. Short-Horn
16	Elbert & Fall, Albia, Ia.	497	1,290	2.59	Cleveland	Short-Horn
115	J. H. Potts & Son, Jacksonville	685	1,325	1.93	Bob Moore	Gr. Short-Horn
	Average	594	1,276	2.15		

Premium, $75, to heifer Rosy, exhibited by Overton Lea, Nashville, Tenn.

Lot 13—Carcass Prizes.

Carcass furnishing the Largest Per Cent. of Edible Meat.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
5	C. S. Barclay, West Liberty, Ia	1,078	1,680	1.56	Snow Ball	Short-Horn
26	Adams Earl, Lafayette, Ind.	1,023	1,605	1.57	Elkington	Hereford
47	" " " "	1,252	2,160	1.72	Dick	Grade Hereford.
48	" " " "	1,302	2,070	1.59	Excelsior	" "
109	" " " "	713	1,470	2.06	Sir Bartle 1st	" "
189	W. G. Snyder, Henry	2,768	1,600	.58	Rose Culver	Short-Horn
79	J. R. Peak & Son, Winchester	976	1,685	1.73	Roan Boy	Gr. Short-Horn
116	J. R. Peak & Son, Winchester	621	1,140	1.83	Tommylin	" "
121	S. and B. Land and Cattle Co., Indianola, Ia	470	1,155	2.46	Roan Dan	Grade Hereford.
124	John D. Gillett, Elkhart	506	1,260	2.49	Bob	Gr. Short-Horn
82	" " "	967	1,760	1 82	Driver	" "
165	" " "	1,292	1,925	1.49	Lookover	" "
87	John P. Gillett, Elkhart	828	1,560	1.88	Red Plum	" "
28	Geo. Leigh & Co., Aurora	891	1,420	1.59	Bendigo	Hereford
90	Fowler & VanNatta, Fowler, Ind	1,017	1,905	1.87	Dandy Boy	Grade Hereford.
126	Fowler & VanNatta, Fowler, Ind	697	1,355	1.94	Sam	" "
188	Overton Lea, Nashville, Tenn	705	1,380	1.96	Rosy	Sussex
128	Estill & Elliott, Estill, Mo	589	1,310	2.22	Charlie	Ang.-Short-Horn
132	B. Waddel, Marion, O	365	1,065	2.92	Philip	Gr. Short-Horn
12	W. S. White, Sabetha, Kas.	1,026	1,960	1.91	Roan Twin	Short-Horn
98	Forbes Bros., Henry	1,017	1,800	1.77	Reuben Broadus.	Gr. Short-Horn
99	" " "	976	1,690	1.73	Varna	" "
66	Jas. J. Hill, St. Paul, Minn.	1,357	2,455	1.81	Hutcheon	Ang.-Short-Horn
67	" " " "	1,383	2,140	1.55	Turriff	"
33	" " " "	1,022	1,955	1.91	Benholm	"
173	" " " "	1,305	2,115	1.62	Kinloss	"
50	J. H. Potts & Son, Jacksonville	1,136	1,685	1.48	Surprise	Gr. Short-Horn
39	Lucien Scott, Leavenworth, Kas	1,412	2,080	1.47	Gottlieb	Holstein
59	Lucien Scott Leavenworth, Kas	1,293	2,050	1.59	Boots	Grade Holstein
60	Lucien Scott, Leavenworth, Kas	1,204	1,460	1.21	Jessie	Grade Hereford.
22	Ind. Bl'd Stock Co., Indianapolis, Ind	1,266	2,260	1.78	Suspense	Hereford
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	Grade Hereford.
19	S. and B. Land and Cattle Co., Indianola, Ia	1,304	1,805	1.38	Jim	Hereford
72	Seabury & Sample, Lafayette, Ind	910	1,705	1.87	Joe	Grade Hereford.
94	Lucien Scott, Leavenworth, Kas	999	1,920	1.92	Captain	Grade Holstein
187	Lucien Scott, Leavenworth, Kas	962	1,445	1.50	Faith	Grade Hereford.
30	B. Hershey, Muscatine, Ia	1,073	1,680	1.56	Champion	Hereford
130	Lucien Scott, Leavenworth, Kas	689	1,300	1.89	Last Chance	Grade Holstein
16	Elbert & Fall, Albia, Ia	497	1,290	2.59	Cleveland	Short-Horn

Premium, $75, to steer Turriff, exhibited by Jas. J. Hill, St. Paul, Minn.

Carcass furnishing the largest per cent. of net to gross weight.

No.	Exhibitor.	Age in days, Nov 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds since birth	Name of Animal.	Breed.
12	W. S. White, Sabetha, Kas..	1,026	1,960	1.91	Roan Twin.	Short-Horn
98	Forbes Bros., Henry	1,017	1,800	1.77	Reuben Broadus.	Gr. Short-Horn..
99	" "	976	1,690	1.73	Varna	" ..
16	Elbert & Fall, Albia, Ia.	497	1,290	2.59	Cleveland..	Short-Horn
66	Jas. J. Hill, St. Paul, Minn ..	1,357	2,155	1.81	Hutcheon..	Angus-Sh.-Horn
67	" " " ..	1,383	2,140	1.55	Turriff	"
33	" " " ..	1,022	1,955	1.91	Benholm.	Ab.-Angus.
173	" " " ..	1,305	2,115	1.62	Kinloss.	Angus-Sh.-Horn
121	S. and B. Land and Cattle Co., Indianola, Ia	470	1,155	2.46	Roan Dan	Grade Hereford.
19	S. and B. Land and Cattle Co., Indianola, Ia	1,304	1,805	1.38	Jim	Hereford.
5	C. S. Barclay, West Liberty, Iowa.	1,078	1,630	1.56	Snow Ball	Short-Horn
26	Adams Earl, Lafayette, Ind.	1,023	1,605	1.57	Elkington	Hereford.
47	" " "	1,252	2,160	1.72	Dick	Grade Hereford.
48	" " "	1,302	2,070	1.59	Excelsior.	"
109	" " "	713	1,470	2.06	Sir Bartle 1st,	"
162	W. G. Snyder, Henry	2,768	1,600	.58	Rose Culver	Short-Horn
79	J.R.Peak & Son, Winchester	976	1,685	1.73	Roan Boy	Gr. Short-Horn..
116	" "	621	1,140	1.83	Tommylin	" ..
82	John D. Gillett, Elkhart	967	1,760	1.82	Driver	" ..
124	" "	506	1,260	2.49	Bob.	" ..
165	" "	1,292	1,925	1.49	Lookover.	" ..
87	John P. Gillett, Elkhart.	828	1,560	1.88	Red Plum	" ..
28	Geo. Leigh & Co., Aurora ..	891	1,420	1.59	Bendigo	Hereford.
90	Fowler & VanNatta, Fowler, Ind	1,017	1,905	1.87	Dandy Boy.	Grade Hereford.
126	Fowler & VanNatta, Fowler, Ind	697	1,355	1.94	Sam,	"
188	Overton Lea, Nashville, Ten.	705	1,380	1.96	Rosy	Sussex.
128	Estill & Elliott, Estill, Mo. ..	589	1,310	2.22	Charlie	Angus-Sh.-Horn
132	B. Waddel, Marion, O.	365	1,065	2.92	Phillip	Gr. Short-Horn..
50	J. H. Potts & Son, Jacksonville	1,136	1,685	1.48	Surprise.	"
39	Lucian Scott, Leavenw'th, K.	1,412	2,080	1 47	Gottlieb	Holstein
59	" "	1,293	2,050	1.59	Boots	Grade Holstein..
60	" "	1,204	1,460	1.21	Jessie.	Grade Hereford.
94	" "	999	1,920	1.92	Captain.	Grade Holstein..
187	" "	962	1,445	1.50	Faith	Grade Hereford .
130	" "	689	1,300	1.89	Last Chance.	Grade Holstein..
22	Indiana Blooded Stock Co., Indianapolis, Ind	1,266	2,260	1.78	Suspense.	Hereford.
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	Grade Hereford.
72	Seabury & Sample, Lafayette, Ind	910	1,705	1.87	Joe	"
30	B. Hershey, Muscatine, Ia..	1,073	1,680	1.56	Champion	Hereford.

Premium, $75, to steer Benholm, exhibited by Jas. J. Hill, St. Paul, Minn.

Lot 14—Dressed Carcass.

Weights of Various Parts of Slaughtered Animals.

Age, 3 and under 4 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Average gain per day in lbs., since birth	Live weight at slaughter	Weight dressed carcass	Per cent. net carcass to gross weight	Weight, carcass, hide and tallow	Per ct. profitable wt., carcass, hide and tallow, to gr. or live wt.	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
Adams Earl, Lafayette, Ind	Dick	Grade Hereford	1,252	1.72	2,135	1,498	.70	1,748	.82	139	111	395	383	365	355
" "	Excelsior	"	1,302	1 59	2,055	1,417	.69	1,623	.79	112	94	378	375	335	329
J. H. Potts & Son, Jacksonville	Surprise	Gr. Short-Horn	1,136	1.48	1,670	1,086	.65	1,256	.75	77	93	281	280	263	262
Lucien Scott, Leavenworth, Kas	Gottlieb	Holstein	1,412	1.47	2,145	1,314	.61	1,591	.74	165	112	337	345	313	319
" "	Boots	Grade Holstein	1,293	1.59	2,000	1,307	.65	1,536	.77	134	95	346	351	309	301
" "	Jessie	Grade Hereford	1,204	1.21	1,445	929	.64	1,107	.77	104	74	223	222	240	244
Jas. J. Hill, St. Paul, Minn	Hutcheon	Grade Angus	1,357	1.81	2,375	1,614	.68	1,870	.79	143	113	435	422	381	376
" "	Furriff	"	1,383	1.55	2,060	1,404	.68	1,631	.79	124	103	385	382	320	317
" "	Kinloss	"	1,305	1.62	2,055	1,407	.68	1,632	.79	126	99	371	369	336	331
J. D. Gillett, Elkhart	Lookover	Gr. Short-Horn	1,292	1.49	1,870	1,297	.69	1,484	.79	90	97	349	350	303	295
Swan & Boster Land and Cattle Co., Indianola, Ia.	Jim	Hereford	1,304	1.38	1,785	1,199	.67	1,402	.79	106	97	304	314	295	286
Indiana Blooded Stock Co., Indianapolis, Ind.	Suspense	"	1,266	1 78	2,220	1,519	.68	1,775	.80	131	125	391	398	364	366
Fowler & Van Natta, Fowler, Ind	Regulus	Grade Hereford	1,306	1.79	2,280	1,560	68	1,815	.80	148	107	401	407	377	375
Average			1,293	1.57	2,007	1,350	.67	1,574	.78	123	101	353	354	323	320

Weights of Various Parts of Slaughtered Animals.

Age, 3 and under 4 years—Continued.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Weight of trimmings.	Weight of blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per cent. unprofitable wt., including shrinkage, to gr. or live wt.
Adams Earl, Lafayette, Ind.	Dick	Grade Hereford	40	20	118	43	15	6	11	17	23	44	50	337	.18
" "	Excelsior	"	37	21	141	41	17	8	11	19	18	52	67	365	.21
J. H. Potts & Son, Jacksonville	Surprise	Gr. Short-Horn	32	21	92½	47	16	5	8½	17	10	43	122	292	.25
Lucien Scott, Leavenworth, Kas.	Gottlieb	Holstein	42	26	197	49	24	8	13½	23	17	70	84½	469½	.26
" "	Boots	Grade Holstein	40	24	150	57	21½	8	10½	23	13	62	55	409	.23
" "	Jessie	Grade Hereford	27	14	106	45	14	5½	8	13	15	36	54½	283½	.23
Jas. J. Hill, St. Paul, Minn.	Hutcheon	Grade Augus	41	24	165	57	20	9	13	24	17	47	88	417	.21
" "	Turriff	"	33	22	149	47	16	7	10	20	13	51	61	368	.21
" "	Kinloss	"	40	21	155	39	15	6	11	20	16	56	44	379	.21
J. D. Gillett, Elkhart	Lookover	Gr. Short-Horn	36	23	139	44	13	5½	9	15	12	51	38½	347½	.21
Swan & Bosler Land and Cattle Co., Indianola, Ia.	Jim	Hereford	38	19	115	48¼	14½	4	11	22	15	41½	54¾	328¼	.21
Indiana Blooded Stock Co., Indianapolis, Ind.	Suspense	"	45½	24	145	47	14½	5	12	20	16	54	62	383	.20
Fowler & Van Natta, Fowler, Ind.	Regulus	Grade Hereford	46	22	185	57	17	8	11	20	18	51	30	435	.20
Average			38¼	21½	143	47¾	16¾	6½	10¾	19½	15½	50¾	62¾	370¼	.22

Weights of Various Parts of Slaughtered Animals—Age 2 and under 3 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Average gain per day in lbs., since birth	Live wt. at slaughter.	Weight dressed carcass	Per cent. net carcass to gross weight	Weight carcass, hide and tallow	Per ct. profitable wt. carcass, hide and tallow to gr. or live wt.	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
C. S. Barclay, West Liberty, Ia	Snow Ball	Short-Horn	1,078	1.56	1,615	1,075	.66	1,262	.78	103	84	298	289	250	245
Seabury & Sample, Lafayette, Ind	Joe	Grade Hereford	910	1.87	1,700	1,128	.66	1,324	.78	103	93	292	290	277	269
Adams Earl, Lafayette, Ind	Elkington	Hereford	1,023	1.57	1,650	1,055	.64	1,268	.77	119	94	277	273	258	247
J. R. Peak & Son, Winchester	Roan Boy	Gr. Short-Horn	976	1.73	1,630	1,113	.68	1,292	.79	93	86	283	294	268	268
John P. Gillett, Elkhart	Driver	" "	967	1.82	1,670	1,154	.69	1,335	.80	81	100	294	307	284	269
Geo. Leigh & Co., Aurora	Bendigo	Hereford	891	1.59	1,440	932	.65	1,100	.76	69	99	248	247	218	219
Fowler & VanNatta, Fowler, Ind	Dandy Boy	Grade Hereford	1,017	1.87	1,800	1,215	.67	1,434	.80	113	106	319	316	293	287
Lucien Scott, Leavenworth, Kas	Captain	Grade Holstein	999	1.92	1,880	1,237	.66	1,477	.79	129	111	315	323	300	299
" "	Faith	Grade Hereford	962	1.50	1,415	970	.69	1,129	.80	95	64	259	258	233	220
B. Hershey, Muscatine, Ia	Champion	Hereford	1,073	1.56	1,660	1,023	.62	1,215	.73	66	126	274	266	244	239
W. S. White, Sabetha, Kas	Roan Twin	Short-Horn	1,026	1.91	1,935	1,340	.69	1,539	.80	105	94	340	344	326	330
Forbes Bros., Henry	Reuben Broadus	Gr. Short-Horn	1,017	1.77	1,755	1,153	.66	1,367	.78	121	93	311	310	270	262
" "	Varna	" "	976	1.73	1,660	1,092	.66	1,286	.78	102	92	290	290	259	253
Jas. J. Hill, St. Paul, Minn	Benholm	Aberdeen-Angus	1,022	1.91	1,895	1,353	.71	1,543	.81	110	80	351	365	324	313
John D. Gillett, Elkhart	Red Plum	Gr. Short-Horn	828	1.88	1,470	985	.67	1,168	.79	103	80	264	159	229	233
Average			984	1.75	1,678	1,122	.67	1,315	.78	101	93	294	295	269	263

Dressed Carcass—Continued.

Age 2 and under 3 years—*Continued.*

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head.....	Weight of feet.....	Weight of paunch....	Weight of guts.....	Weight of liver.....	Weight of heart.....	Weight of tongue	Weight of lungs.....	Weight of trimmings.	Weight of blood.....	Loss of weight by shrinkage.....	Weight unprofitable parts.....	Per ct. unprofitable wt. including shrinkage to gross or live wt..
C. S. Barclay, West Liberty, Ia.....	Snow-Ball	Short-Horn	34	18½	136	41	15	7	9	16	11½	44	21	332	.22
Seabury & Sample, Lafayette, Ind	Joe.....	Grade Hereford.	35	19½	132	57	13	6	11	15½	10	52	25	351	.22
Adams Earl, Lafayette, Ind	Elkington	Hereford	34	17	130	53	13	5½	9½	15	14	34	57	325	.23
J. R. Peak & Son, Winchester.....	Roan Boy	Gr. Short-Horn..	32	19½	116	40	12½	6	8½	15½	12½	49	26½	311½	.21
John P. Gillett, Elkhart	Red Plum	" "	29½	17	116	29	13	6	7½	16	12	32½	56½	278½	.20
Geo. Leigh & Co., Aurora	Bendigo	Hereford	31	18	82	38	13	6½	7	12	12	35	85½	254½	.24
Fowler & VanNatta, Fowler, Ind.....	Dandy Boy.....	Grade Hereford.	38	22	125	46	16	6½	11	16	14	47	21½	341½	.20
L. Scott, Leavenworth, Kas.....	Captain.....	Grade Holstein .	39	23½	144	44	20½	7	9	17	23	34	42	361	.21
" " "	Faith	Grade Hereford.	28½	14	100	33	12	5	8	15	12	36	22½	263½	.20
B. Hershey, Muscatine, Ia	Champion.....	Hereford	41	19	150	35	13	5	9	14	18½	30	110½	334½	.27
W. S. White, Sabethe, Kas.....	Roan Twin.....	Short-Horn	36	21	136	49	16½	7½	9½	18	11	46	45½	350½	.20
Forbes Bros., Henry.....	Reuben Broadus.	Gr. Short-Horn..	37	21	133	47	16½	7½	7½	19½	6	58½	31½	353½	.22
" "	Varna.....	" "	37½	23	123	51	14	8	9	20	7	49	32½	341½	.22
Jas. J. Hill, St. Paul, Minn.....	Benholm	Aberdeen-Angus	34½	20	122	46	15	6½	10	21	14½	39½	23	329	.19
John D. Gillett, Elkhart	Driver	Gr. Short-Horn..	36	20	120	33	14½	5	11	18	9½	32½	2½	299½	.21
Average	.....	.....	35	19½	124¼	43	14½	6	9	16½	12½	41¼	41½	321½	.22

Weights of Various Parts of Slaughtered Animals—Age 1 and under 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Average gain per day in lbs. since birth	Live wt. at slaughter.	Weight dressed carcass	Per cent. net carcass to gross weight	Weight carcass, hide and tallow	Per ct. profitable wt., carcass, hide and tallow, to gr's or live wt.	Tallow	Hides	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
Adams Earl, Lafayette, Ind	Sir Bartle 1st	Grade Hereford.	713	2.06	1,455	966	.66	1,159	.80	89	104	248	254	232	232
J. R. Peak & Son, Winchester	Tommylin	Gr. Short-Horn	621	1 83	1,100	692	.63	820	.74	60	68	170	169	178	175
Swan & Bosler Land & Cattle Co., Indianola, Ia	Roan Dan	Grade Hereford.	470	2.46	1,130	721	.64	872	.77	75	76	185	184	176	176
John D. Gillett, Elkhart	Bob	Gr. Short-Horn	506	2.41	1,225	803	.65	944	.77	63	78	212	210	191	190
Fowler & VanNatta, Fowler, Ind	Sam	Grade Hereford.	697	1 94	1,285	823	.64	988	.77	80	85	208	207	203	205
Overton Lea, Nashville, Tenn	Rosy	Sussex	705	1.95	1,325	886	.67	1,041	.79	68	. 87	234	231	214	207
Lucien Scott, Leavenworth, Kas	Last Chance	Grade Holstein	689	1 89	1.275	800	.63	652	.75	68	84	206	205	197	192
Estill & Elliott, Estill, Mo	Charlie	Angus-Short-H'n	589	2.22	1,275	834	.65	974	.76	66	74	216	218	202	198
B. Waddel, Marion, O	Phillip	Gr. Short-Horn	365	2.92	960	595	.62	702	.73	29	78	154	153	143	145
Elbert & Fall, Albia, Ia	Cleveland	Short-Horn	497	2.59	1,250	849	.68	989	.79	74	66	216	210	213	210
J. H. Potts & Son, Jacksonville	Bob Moore	Gr. Short-Horn	685	1.93	1.270	836	.66	972	.77	61	75	209	2 8	209	210
Average			594	2 20	1,232	800	.65	946	.77	67	79	205	204	196	195

Age 1 and under 2 years—*Continued.*

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Weight of trimmings	Weight of blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per ct unprofitable wt. including shrinkage, to gross or live wt.
Adams Earl, Lafayette, Ind	Sir Bartle 1st	Grade Hereford.	31½	18	90	48	15	5	9	14½	12½	33½	19	277	.20
J. R. Peak & Son, Winchester	Tommylin	Gr. Short-Horn	24½	15	129	33	11	4½	6½	14	6½	25	11	269	.26
Swan & Bosler Land & Cattle Co., Indianola, Ia	Roan Dan	Grade Hereford.	27	15	87	36	11	4½	7	12	9½	32	17	241	.23
John D. Gillett, Elkhart	Bob	Gr. Short-Horn	28½	18½	103	35	11	4	9	12	15	24½	20½	260½	.23
Fowler & VanNatta, Fowler, Ind	Sam	Grade Hereford.	29	16½	118	48	13½	4½	7	13½	10½	21	15½	281½	.23
Overton Lea, Nashville, Tenn	Rosy	Sussex	32	16½	111	37	14	5	8½	14	16	27	3	281	.21
Lucien Scott, Leavenworth, Kas	Last Chance	Grade Holstein	29	20	130	45	15	5½	9½	16½	8	30	14½	308½	.25
Estill & Elliott, Estill, Mo	Charlie	Angus-Short-H'n	27½	16	119	35	11½	5	8½	14½	10	30½	23½	277½	.24
B. Waddel, Marion, O	Phillip	Gr. Short-Horn	23½	15	103	25	11	4	6½	15	7	26½	21½	236½	.27
Elbert & Fall, Albia, Ia	Cleveland	Short-Horn	26	15	91	36	12½	4½	9	13	9	30½	14½	246½	.21
J. H. Potts & Son, Jacksonville	Bob Moore	Gr. Short-Horn	26	17	116	31	11½	5	7	15½	9½	29½	30	268	.23
Average			27¾	16½	109	37	12½	4¾	8	14	10¼	28¼	18	268	.23

Lot. 14—Dressed Carcass—Sweepstakes.

Steer or Spayed Heifer any age.

Name and Postoffice of Exhibitor.	Name of Animal	Breed.	Age in days	Average gain per day since birth	Live weight at slaughter	Weight dressed carcass	Per cent. net carcass to gross weight	Weight carcass, hide and tallow	Per ct. profitable wt. (carcass, hide, tallow) to gross or live wt	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
Swan Bros., Indianola, Ia	Grace	Hereford	1,604	1 17	1,800	1,253	.70	1,441	.80	99	89	310	316	316	311
James J. Hill, St. Paul, Minn	Turriff	Grade Angus	1,383	1.55	2,060	1,404	.68	1,631	.79	124	103	385	382	320	317
Seabury & Sample, Lafayette, Ind	Joe	Gr. Hereford	910	1 87	1,700	1,128	.66	1,324	.78	103	93	292	290	277	269
Overton Lea, Nashville, Tenn	Rosy	Sussex	705	1.95	1,325	886	.67	1,041	.79	68	87	234	231	214	207

Premium, $100, to steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.

Steer or Spayed Heifer any age—*Continued*.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Weight of trimmings	Weight of blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per cent. unprofitable wt., including shrinkage, to gr. or live wt.
Swan Bros., Indianola, Ia	Grace	Hereford	33	15	134	45	14½	6	9½	14	22½	29½	36	323	.20
James J. Hill, St. Paul, Minn	Turriff	Grade Angus	33	22	149	47	16	6	10	26	13	51	61	368	.21
Seabury & Sample, Lafayette, Ind	Joe	Gr. Hereford	35	19½	132	57	13	6	11	15½	10	52	53	351	.21
Overton Lea, Nashville, Tenn	Rosy	Sussex	32	16½	111	37	14	5	8½	14	16	27	33	281	.21

Lot 15—Heaviest Fat Steer.

Open to all ages.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	Grade Hereford
57	Fowler & VanNatta, Fowler, Ind	1,266	2,345	1.85	McGregor	" "
39	Lucien Scott, Leavenworth, Kas	1,412	2,080	1.47	Gottlieb	Holstein
189	A. A. Noyes, Steamboat Lock, Ia	2,053	2,850	1.39	Jim	Gr. Short-Horn
190	John D. Sherman, Chicago.	2,004	2,630	1.31	Geo. Fox	" "
191	" "	2,032	2,625	1.29	J. H. Truman	Short Horn
192	" "	1,743	2,470	1.42	White Cloud	"
193	" "	1,244	1,500	1.20	Sandy	W. Highlander
194	" "	564	940	1.67	Scottish Prize	H'ford-Highlan'r.
66	Jas. J. Hill, St. Paul, Minn	1,357	2,455	1.81	Hutcheon	Grade Augus
195	John D. Gillett, Elkhart	1,949	2,860	1.47	Mammoth	Gr. Short-Horn
	Average	1,539	2,282	1.48		

First premium, $75, to steer Mammoth, exhibited by John D. Gillett, Elkhart.
Second premium, $50, to steer Jim, exhibited by A. A. Noyes, Steamboat Rock, Ia.
Third premium, $25, to steer Geo. Fox, exhibited by John B. Sherman, Chicago.

Lot 16—Gain per Day.

Steer or Spayed Cow showing the greatest average gain per day, including weight at birth—3 and under 4 years.

47	Adams Earl, Lafayette, Ind.	1,252	2,160	1.72	Dick	Grade Hereford
49	J. H. Potts & Son, Jacksonville	1,354	1,940	1.43	Champion	Gr. Short-Horn
50	J. H. Potts & Son, Jacksonville	1,136	1,685	1 48	Surprise	" "
52	John D. Gillett, Elkhart	1,251	2,100	1.68	J. P. Reynolds	" "
164	" "	1,199	1,945	1.62	Davie	" "
57	Fowler & VanNatta, Fowler, Ind	1,266	2,345	1.85	McGregor	Grade Hereford
58	Fowler & VanNatta, Fowler, Ind	1,306	2,345	1.79	Regulus	" "
60	Lucien Scott, Leavenworth, Kas	1,204	1,460	1.21	Jessie	" "
59	Lucien Scott, Leavenworth, Kas	1,293	2,050	1.59	Boots	Grade Holstein
61	B. Waddel, Marion, O	1,166	2,080	1.78	Dan	Gr. Short-Horn
22	Ind. Bl'd Stock Co., Indianapolis, Ind	1,266	2,260	1 78	Suspense	Hereford
53	John D. Gillett, Elkhart	1,315	2,050	1.56	Right About	Gr. Short-Horn
55	John P. Gillett, Elkhart	1,438	2,245	1.56	Barney	" "
166	" "	1,310	2,060	1.57	Adams	" "
69	Morrow & Renick, Clintonville, Ky	1,417	2,320	1.64	Eales	" "
	Average	1,278	2,070	1.62		

First premium, $50, to steer McGregor, exhibited by Fowler & VanNatta, Fowler, Ind.
Second premium, $25, to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.

Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds since birth	Name of Animal.	Breed.
74	J. H. Potts & Son, Jacksonville	961	1,805	1.88	Victor	Gr. Short-Horn
73	J. H. Potts & Son, Jacksonville	962	1,810	1.88	Red Cloud	" "
77	J. H. Potts & Son, Jacksonville	906	1,640	1.81	Billie S	" "
81	John D. Gillett, Elkhart	1,002	1,900	1.90	Rocket	" "
83	" "	915	1,775	1.94	Victor	" "
84	" "	868	1,865	2.15	Doc Woods	" "
27	Geo. Leigh & Co., Aurora	925	1,610	1.74	Sampson	Hereford
28	" "	891	1,420	1.59	Bendigo	"
90	Fowler & VanNatta, Fowler, Ind	1,017	1,905	1.87	Dandy Boy	Grade Hereford
92	Fowler & VanNatta, Fowler, Ind	1,030	1,930	1.87	Adams	" "
94	Lucien Scott, Leavenworth, Kas	999	1,920	1.92	Captain	Grade Holstein
95	B Hershey, Muscatine, Ia.	978	1,920	1.96	Prospect	Grade Hereford
12	W. S. White, Sabetha, Kas.	1,026	1,960	1.91	Roan Twin	Short-Horn
98	Forbes Bros., Henry	1,017	1,800	1.77	Reuben Broadus	Gr. Short-Horn
35	Ind. Bld. Stock Co., Indianapolis, Ind.	774	1,610	2.08	Blaine	Ab-Angus
36	Ind. Bl'd Stock Co., Indianapolis, Ind	764	1,515	1.98	Logan	"
174	John D. Gillett, Elkhart	1,043	1,966	1.88	Fisher	Gr. Short-Horn
175	John P. Gillett, Elkhart	832	1,680	2.02	York	" "
88	" "	935	1,770	1.89	Cuba	" "
100	Morrow & Renick, Clintonville, Ky	925	1,815	1.96	Little Billy	" "
	Average	938	1,780	1.90		

First premium, $50, to steer Dock Woods, exhibited by John D. Gillett, Elkhart.
Second premium, 25, to steer Blain', exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Steer or Spayed Heifer 1 and under 2 years.

103	T. W. Hunt, Ashton	569	1,210	2.13	Billy	Gr. Short-Horn
109	Adams Earl, Lafayette, Ind.	713	1,470	2.06	Sir Bartle 1st	Grade Hereford
110	" "	591	1,515	2.56	Sir Bartle 2d	" "
111	" "	574	1,420	2.47	Sir Bartle 3d	" "
112	" "	567	1,295	2.28	Sir Bartle 4th	" "
113	" "	536	1,325	2.47	Sir Bartle 5th	" "
31	Geo. Leigh & Co., Aurora	507	1,195	2.36	Slasher	Hereford
32	" "	558	1,055	1.89	Frank	"
188	Overton Leigh, Nashville, Tenn	705	1,380	1.95	Rosy	Sussex
129	Estill & Elliott, Estill, Mo	607	1,330	2.19	Clarence	Grade Augus
131	Wm. R. Estill, Estill, Mo	605	1,360	2.25	Flash	"
132	B. Waddel, Marion, O	365	1,065	2.92	Phillip	Gr. Short-Horn
133	Ind Bl'd Stock Co., Indianapolis, Ind	714	1,555	2.18	Lindall	Grade Hereford
185	Ind. Bl'd Stock Co., Indianapolis, Ind.	432	930	2.15	Tom	" "
37	Gudgell & Simpson, Independence, Mo	593	1,470	2.48	Sandy	Angus
184	John D. Gillett, Elkhart	470	1,370	2.91	Morris	Gr. Short-Horn
122	" "	709	1,505	2.12	Champion	" "
	Average	577	1,321	2.29		

First premium, $50, to steer Phillip, exhibited by B. Waddel, Marion, O.
Second premium, $25, to steer Morris, exhibited by John D. Gillett, Elkhart.

Steer or Spayed Heifer under 1 year.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
138	J. H. Potts & Son, Jacksonville	299	785	2.63	Diamond	Gr. Short-Horn
143	S. & B. Land & Cattle Co., Indianola, Ia	354	1,000	2.82	Honest Ben	Grade Hereford
148	Henry Davis, Dyer, Ind	180	580	3.22	Marquis	"
149	Wm. R. Estill, Estill, Mo	266	750	2.82	Felix	Grade Angus
150	B. Hershey, Muscatine, Ia	235	720	3.06	Sam	Grade Hereford
151	" "	277	810	2.92	Frank	"
152	B. Waddel, Marion, O	118	405	3.43	Charley	Gr. Short-Horn
38	Gudgell & Simpson, Independence, Mo	304	920	3.03	Alex	Aberdeen-Angus
153	Jas. A. Funkhouser, Plattsburg, Mo	299	800	2.67	Challenge	Grade Hereford
154	Jas. A. Funkhouser, Plattsburg, Mo	289	765	2.65	Curtis	"
155	Jas. A. Funkhouser, Plattsburg, Mo	288	765	2.66	Chromo	"
156	Jas. A. Funkhouser, Plattsburg, Mo	262	700	2.67	Clinton	"
157	Jas. A. Funkhouser, Plattsburg, Mo	262	700	2.67	Conquest	"
158	F. Willson, Jackson, Mich	294	860	2.92	Monarch	Gr. Short-Horn
159	J. R. Price & Son, Williamsville	345	910	2.64	Express	Grade Hereford
160	J. R. Price & Son, Williamsville	314	895	2.85	Excelsior	"
136	Seabury & Sample, Lafayette, Ind	351	1,050	2.99	Jumbo	"
137	Seabury & Sample, Lafayette, Ind	316	825	2.61	Davy	"
	Average	281	791	2.81		

First premium, $50, to steer Charley, exhibited by B. Waddel, Marion, O.
Second premium, $25, to steer Marquis, exhibited by Henry Davis, Dyer, Ind.

Lot 17—Cost of Production.

Steer or Spayed Heifer 3 and under 4 years.

....	B. Waddel, Marion, O	1,166	2,080	1.78	Dan	Gr. Short-Horn
....	J. D. Gillett, Elkhart	1,199	1,945	1.62	Davy	"
....	J. P. Gillett, Elkhart	1,310	2,060	1.57	Adams	"
	Average	1,225	2,028	1.65		

First premium, $65, to steer Dan, exhibited by B. Waddel, Marion, O.
Second premiem, $35, to steer Davy, exhibited by J. D. Gillett, Elkhart.

Steer or Spayed Heifer 2 and under 3 years.

....	J. D. Gillett, Elkhart	1,043	1,960	1 88	Fisher	Gr. Short-Horn
....	" "	1,002	1,900	1.90	Rocket	"
	Average	1,022	1,930	1.89		

First premium, $65, to steer Fisher, exhibited by J. D. Gillett, Elkhart.
Second premium, $35, to steer Rocket, exhibited by J. D. Gillett, Elkhart.

Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
....	T. W. Hunt, Ashton	577	1,200	2.08	Reliance	Gr. Short-Horn
....	B. Waddel, Marion, O	365	1,065	2.92	Phillip	"
....	J. D. Gillett, Elkhart	709	1,505	2.12	Champion	"
....	" "	677	1,470	2 17	Roy	"
	Average	582	1,310	2.25		

First premium, $65, to steer Phillip, exhibited by B. Waddel, Marion, O.
Second premium, $35, to steer Roy, exhibited by J. D. Gillett, Elkhart.

Steer or Spayed Heifer under 1 year.

....	Henry Davis, Dyer, Ind	180	580	3.22	Marquis	Grade Hereford
....	B. Waddel, Marion, O	118	405	3.43	Charley	Gr. Short-Horn
....	F. Willson, Jackson, Mich	294	860	2.92	Monarch	"
....	J. R. Price & Son, Williamsville	345	910	2.64	Express	Grade Hereford
....	J. R. Price & Son, Williamsville	314	895	2.85	Excelsior	"
	Average	250	730	2.92		

First premium, $65, to steer Excelsior, exhibited by J. R. Price & Son, Williamsville.
Second premium, $35, to steer Express, exhibited by J. R. Price & Son, Williamsville

Lot 17—Cost of Production.

Report of Committee.

To the State Board of Agriculture:

Your Committee to whom was assigned the duty of awarding the premiums in the cost of production rings, beg leave to report entries as follows:

Steer or Spayed Cow, 3 and under 4 years.

J. D. Gillett, Elkhart; grade Short-Horn steer, *Davy*, calved July 30, 1882.
J. P. Gillett, Elkhart: grade Short-Horn steer, *Adams*, calved April 10, 1882.
B. Waddel, Marion, O.; grade Short-Horn steer, *Dan*, calved Sept. 1, 1882.

Steer or Spayed Heifer, 2 and under 3 years.

J. D. Gillett, Elkhart; grade Short-Horn steer, *Rocket*, calved Feb. 12, 1883.
J. D. Gillett, Elkhart; grade Short-Horn steer, *Fisher*, calved Jan. 2, 1883.

Steer or Spayed Heifer, 1 and under 2 years.

J. D. Gillett, Elkhart; grade Short-Horn steer, *Champion*, calved Dec. 2, 1883.
J. D. Gillett, Elkhart; grade Shorthorn steer, *Rosy*, calved Jan 3, 1884.
B. Waddel, Marion, O.; grade Short-Horn steer, *Phillip*, calved Nov. 10, 1884.
T. W. Hunt, Ashton; grade Short-Horn steer, *Reliance*, calved April 12, 1884.

Steer or Spayed Heifer under 1 year.

Frank Willson, Jackson, Mich.; grade Short-Horn steer, *Monarch*, calved Jan. 20, 1885.

B. Waddel, Marion, O.; grade Short-Horn steer, *Charley*, calved July 15, 1885.

J. R. Price & Son, Williamsville; grade Hereford steer, *Excelsior*, calved Jan. 1, 1885.

J. R. Price & Son, Williamsville; grand Hereford steer, *Express*, calved Dec. 1, 1884.

Henry Davis, Dyer, Ind., grade Hereford steer, *Marquis*, calved May 14, 1885.

In order that the results might be determined solely upon the quantities of the various kinds of cattle-food used, as well as the skill of the feeder, the price of each article of food named in the statements was determined upon an equitable and uniform basis to all the competitors, as follows:

Value of calf at birth	$5 00
Value of milk per gallon	04
Value of shelled corn per 100 lbs	71
Value of corn in ear per 100 lbs	53
Value of soft corn per 100 lbs	50
Value of oats per 100 lbs	75
Value of corn-meal per 100 lbs	80
Value of corn and oats per 100 lbs	80
Value of shorts per 100 lbs	70
Value of bran per 100 lbs	60
Value of oil meal per 100 lbs	1 25
Value of oil cake per 100 lbs	1 25
Value of hay per 100 lbs	30
Value of pasturage per month, up to 12 months	75
Value of pasturage per month, 12 to 24 months	1 00
Value of pasturage per month, 24 to 36 months	1 25
Expense for care, feeding, salting and interest up to 12 months	4 00
Expense for care, feeding, salting and interest, 12 to 24 months	6 00
Expense for care, feeding, salting and interest, 24 to 36 months	9 00

The great diversity of articles of food consumed by the competing animals, as well as the methods of handling stock, makes it somewhat difficult to determine upon the comparative value of some of the articles of food named for the most rapid production of beef, the quality of which cannot be satisfactorily determined until the carcasses are displayed upon the block. The prices of grain, etc., named above, are not the present market price but a fair average for a term of three years. It will be seen that the value of a calf at birth, pasturage consumed and expense for care, etc., are the same with each exhibitor..

The quantities of food consumed each year by each animal, and the value thereof as fixed by your committee, are herewith given as follows:

Davy.—Date of birth, July 30, 1882. From birth to twelve months of age. Value at birth $5.00; 150 gallons milk at 4cts per gallon. $6.00; 280 pounds corn in ear at 53cts per 100, $1.48; 5 acres corn stalks at 25cts per acre, $1.25; pasturage, $4.50; expense for care, etc., $4.00; weight at twelve months of age, 700 pounds, at a cost of $22.23, or 3.175 cents per pound.

From twelve months of age to twenty-four months. 3,500 pounds corn in ear at 53cts per 100, $18.55; 800 pounds hay at 30cts per 100, $2,40; pasturage, $6.00; expense for care, etc., $6.00; weight at twenty-four months of age, 1,400 pounds, at a cost of $55.18, or 3.94 cents per pound. From twenty-four months of age to thirty-six months, 6,300 pounds corn in ear at 53cts per 100, $33.39; 800 pound hay at 30cts per 100, $240; pasturage, $7.50; expense for care, etc., $9.00; weight at thirty-six months of age, 1,700 pounds, at a cost of $107.47 or 6.32 cents per pound.

From thirty-six months of age to November 10, 1885: 1,400 pounds corn at 53cts per 100, $7.42; pasturage, $7.50; expense for care, etc., $2.62; weight November 10, 1885, 1,945 pounds at a cost of $125.01, or 6.427 cents per pound.

Adams.—Date of birth, April 10, 1882. From birth to twelve months of age. Value at birth, $5.00; 150 gallons milk at 4cts per gallon, $6.00; 280 pounds corn in ear at 53cts per 100, $1.48; 5 acres corn stalks at 25cts per acre, $1.25; pasturage, $4.50; expense for care, etc., $4.00; weight at 12 months of age, 700 pounds, at a cost of $22.23, or 3.175 cents per pound.

From twelve months of age to twenty-four months, 3,500 pounds corn in ear at 53cts, $18.55; 800 pounds hay at 30cts per 100, $2 40; pasturage, $6.00; expense for care, etc., $6.00; weight at 24 months, 1,400; pounds, at a cost of $55.18, or 3.94 cents per pound.

From twenty-four months of age to thirty-six months, 6,309 pounds corn in ear at 53cts per 100, $33.39; 800 pounds hay at 30cts per 100, $2.40; pasturage, $7.50; expense for care, etc., $9.00; weight at thirty-six months, 1,700 pounds, at a cost of $107.47, or 6.32 cents per pound.

From thirty six months of age to November 10, 1885, 3,150 pounds corn in ear at 53cts per 100, $16.69; pasturage, $7.50; expense for care, etc., $4.50; weight November 10, 1885, 2,060 pounds at a cost of $136.16 or 6.61 cents per pound.

Dan.—Date of birth, September 1, 1882. From birth to twelve months of age. Value at birth, $5.00; 135 gallons milk, at 4 cents per gallon, $5.40; 1,400 pounds clover hay, at 30 cents per 100, $4.20; pasturage, $5.00; expense for care, feeding, salting, etc., $4.00; weight at twelve months, 800 pounds, at a total cost of $23.60, or 2.95 cents per pound.

From twelve months of age up to twenty-four months. 4,000 pounds clean corn fodder, at $4.00 per ton, $8.00; pasturage, $6.00; expense for care, etc., $6.00; weight at twenty-four months of age, 1,400 pounds, at a cost of $43.60, or 3.114 cents per pound.

From twenty-four months up to thirty-six months, 2 900 pounds corn in the ear, at 53 cents per 100, $15.37; 4,000 pounds clean corn fodder, at $4.00 per ton, $8.00; pasturage, $7.50;

expense for care, etc., $9.00; weight at thirty-six months of age, 1,900 pounds, at a cost of $83.47, or 4.393 cents per pound.

From thirty-six months of age to November 10, 1885. 1,000 pounds corn in the ear, at 53 cents per pound, $5.30; pasturage, $7.50; expense for care, etc., $9.00; weight November 10, 1885, 2,080 pounds, at a cost of $105.27, or 5.061 cents per pound.

Rocket.—Date of birth, February 12, 1883. From birth to twelve months of age. Value at birth, $5.00; 150 gallons of milk, at 4 cents per gallon, $6.00; 280 pounds corn in ear, at 53 cents, $1.48; 5 acres corn stalks, at 25 cents per acre, $1.25; pasturage, $4.50; expense for care, etc., $4.00; weight at twelve months, 700 pounds, at a cost of $22.23, or 3.175 cents per pound.

From twelve months of age to twenty-four months. 3,500 pounds corn in ear, at 53 cents per 100, $18.55; 800 pounds hay, at 30 cents per 100, $2.40; pasturage, $6.00; expense for care, etc., $6.00; weight at twenty-four months, 1,400 pounds, at a cost of $55.18, or 3.94 cents per pound.

From twenty-four months to November 10, 1885. 5,250 pounds corn in ear, at 53 cents per 100, $27.82; 550 pounds hay, at 30 cents per 100, $1.65; pasturage, $7.50; expense for care, etc., $6.75; weight November 10, 1885, 1,900 pounds, at a cost of $98.90, or 5.20 cents per pound.

Fisher.—Date of birth, January 2, 1883. From birth to twelve months of age. Value at birth, $5.00; 150 gallons milk, at 4 cents per gallon, $6.00; 280 pounds corn in ear, at 53 cents per 100, $1.48; 5 acres corn stalks, at 25 cents per acre, $1.25; pasturage, $4.50; expense for care, etc., $4.00; weight at twelve months of age, 700 pounds, at a cost of $22.23, or 3.175 cents per pound.

From twelve months of age to twenty-four months. 3,500 pounds corn in ear, at 53 cents per 100, $18.55; 800 pounds hay, at 30 cents per 100, $2.40; pasturage, $6.00; expense for care, etc., $6.00; weight at twenty-four months, 1,450 pounds, at a cost of $55.18 or 3.80 cents per pound.

From twenty-four months of age to November 10, 1885. 5,600 pounds corn in ear, at 53 cents per 100, $29.68; 600 pounds hay, at 30 cents per 100, $1.80; pasturage, $6.25; expense for care, etc., $7.69; weight November 10, 1885, 1,960 pounds, at a cost of $100.60, or 5.13 cents per pound.

Champion.—Date of birth, December 2, 1883. From birth to twelve months of age. Value at birth, $5.00; 150 gallons milk, at 4 cents per gallon, $6.00; 280 pounds corn in ear, at 53 cents per 100, $1.48; 5 acres corn stalks, at 25 cents per acre, $1.25; pasturage, $4.50; expense for care, etc., $4.00; weight at twelve months of age, 700 pounds, at a cost of $22.23, or 3.175 cents per pound.

From twelve months of age to November 10, 1885. 3,500 pounds corn in ear, at 53 cents per 100, $18.55; 800 pounds hay, at 30 cents per 100, $2.40; pasturage, $6.00; expense for care, etc., $5.62; weight November 10, 1885, 1,505 pounds, at a cost of $54.80, or 3.641 cents per pounds.

Roy. -Date of birth, January 3, 1884. From birth to twelve months of age. Value at birth, $5.00; 150 gallons of milk at 4 cents per gallon, $6.00; 280 pounds corn in ear, at 53 cents per 100, $1.48; 5 acres corn stalks, at 25 cents per acre, $1.25; pasturage, $4.50; expense for care, etc., $4.00; weight at twelve months of age, 700 pounds, at a cost of $22.23, or 3.175 cents per pound. From twelve months of age to November 10, 1885, 3,150 pounds corn in ear, at 53 cents per 100, $16.69; 800 pounds hay, at 30 cents per 100, $2.40; pasturage, $6.00; expense for care, etc., $5.37; weight November 10, 1885, 1,470 pounds, at a cost of $52.69, or 3.584 per pound.

Phillip.—Date of birth, November 10, 1884. From birth to twelve months of age. Value at birth, $5.00; 300 gallons of milk, at 4 cents per gallon, $12.00; 322 pounds oats, at 75 cents per hundred, $2.41; pasturage, seven months, at 75 cents per month, $5.25; expense for care, feeding, salting, etc., $4.00; weight November 10, 1885, 1,065 pounds, at a total cost of $28.66, or 2.685 cents per pound.

Reliance.—Date of birth, April 12, 1884. From birth to twelve months of age. Value at birth, $5.00; 270 gallons milk, at 4 cents per gallon, $10.80; 1,181 pounds corn and oats, at 80 cents per 100, $9.45; 600 pounds hay, at 30 cents per 100, $2.00; pasturage, $4.50; expense for care, etc., $4.00; weight at twelve months of age, 760 pounds, at a cost of $35.75, or 4.704 cents per pound.

From twelve months of age to November 10, 1885. 1,520 pounds corn and oats, ground, at 80 cents per 100 pounds, $12.16; 20 pounds oil-meal, at $1.25 per 100, 25 cents; 300 pounds hay, at 30 cents per hundred, 90 cents; pasturage, $6.25; expense for care, etc., $3.00; weight November 10, 1885, 1,200 pounds, at a cost of $58.31, or 4.859 cents per pound.

Monarch.—Date of birth, January 20, 1885. From birth to twelve months of age. Value at birth, $5.00; 725 gallons milk, at 4 cents, $29.00; 650 pounds corn and oats, at 80 cents per 100, $4.96; 1,200 pounds hay, at 30 cents per 100, $3.60; 30 pounds Thorley food, at 11 cents per pound, $3.30; expense for care, etc., $3.33; weight November 10, 1885, 860 pounds, at a cost of $49.19, or 5.72 cents per pound.

Charley.—Date of birth, July 15, 1885. From birth to November 10, 1885. Value at birth, $5.00; 236 gallons milk at 4 cts. per gallon, $9.44; 60 pounds oats at 75 cts. per 100, 45 cts.; 60 pounds middlings at 70 cts. per 100, 42 cts.; 60 pounds clover hay at 30 cts. per hundred, 18 cts.; expense for care, etc., $1.33; weight, November 10, 1885, 405 pounds, at a total cost of $16.82, or 4.153 cts. per pound.

Excelsior.—Date of birth, January 1, 1885. From birth to November 10, 1885. Value at birth, $5.00; 285 gallons of milk at 4 cts. per gallon, $11.40; 192 pounds of oats at 75 cts. per 100, $1.44; 38 pounds of oil cake at $1.25 per 100, 47 cts.; 72 pounds of corn meal at 80 cts. per 100, 58 cts.; 108 pounds timothy hay at 30 cts. per 100, 32 cts.; pasturage for three months at 75 cts. per month, $2.25; expense for care, etc., 10½ months, $3.50; weight, November 10, 1885, 895 pounds, at a total cost of $24.96, or 2.78 cts. per pound.

Express.—Date of birth, December 1, 1884. From birth to November 10, 1885. Value at birth, $5.00; 285 gallons of milk at 4 cts. per gallon, $11.40; 200 pounds oats at 75 cts. per 100, $1.50; 100 pounds oil cake at $1 25 per 100, $1.25; 175 pounds corn meal at 80 cts. per 100 pounds, $1.40; 200 pounds timothy hay at 30 cts. per 100, 60 cts.; pasturage 3 months at 75 cts. per month, $2.25; expense for care, etc., 11½ months, $3.83; weight, November 10, 1885, 910 pounds, at a total cost of $27.23, or 2.992 cts. per pound.

Marquis.—Date of birth, May 14, 1885. From birth to November 10, 1885. Value at birth, $5.00; 360 gallons milk at 4 cts. per gallon, $14.40; 25 pounds Royal Stock Food at $1.30 per 100, 32 cts.; 5 pounds Davis' Condiment at 3 cts. per pound, 15 cts.; 16 pounds oats at 75 cts. per 100, 12 cts.; 100 pounds mixed hay at 30 cts. per 100, 30 cts.; expense for care, etc., $2.00; weight, November 10, 1885, 580 pounds, at a cost of $22.29, or 3.843 cts. per pound.

The premiums were awarded as follows:

Steer or spayed cow, 3 and under 4 years: First to B. Waddel, Marion, O., on grade steer Dan; weight, 2,080 pounds; total cost of production $105.27, or 5.061 cents per pound. Second, to J. P. Gillett, Elkhart, on grade Short-Horn steer Davy; weight, 1,945 pounds, at a total cost of $125.01, or 6.427 cents per pound.

Steer or spayed heifer, 2 and under 3 years: First to J. D. Gillett, Elkhart, on grade Short-Horn steer Fisher; weight, 1,960 pounds, at a cost of $100.60, or 5.13 cents per pound. Second, to J. P. Gillett, Elkhart, on grade Short-Horn steer Rocket; weight, 1,900 pounds; total cost of production of $98.90, or 5.20 cents per pound.

Steer or spayed heifer, 1 and under 2 years: First to B. Waddel, Marion, O., on grade Short-Horn steer Phillip; weight, 1,065 pounds; total cost of production, $28.66, or 2.685 cents per pound. Second to J. D. Gillett, Elkhart, on grade Short-Horn steer Roy; weight, 1,470 pounds; total cost of production, $52.69, or 3.584 cents per pound.

Steer or spayed heifer, under 1 year: First, to J. R. Price & Son, Williamsville, on grade Hereford steer Excelsior; weight, 895 pounds; total cost of production, $24.96, or 2.789 cents per pound. Second to J. R. Price & Son, Williamsville, on grade Hereford steer Express; weight, 910 pounds; total cost of production, $27.23, or 2.992 cents per pound.

The committee would recommend that greater care be given by exhibitors in their statements as to quantity of each article of food consumed, exact time that animals were on pasture or stockfields, and details of expenses for care, etc., to enable the committee to make careful comparison of the various methods of feeding, and the effect of the same upon the animals. The committee would call attention to one of the lessons to be learned in the statistics presented herewith, and forming a part of the report. If feeders desire to keep their cattle for feeding beyond two years, the most profitable results have been obtained where the animals have been liberally fed the first year on a coarse diet that will develop bone and muscle upon which to build the matured carcass. The most economical production of beef does not always result from strong feeding of grain or concentrated food during the first twelve months of age of the steer. The committee cannot too strongly urge upon the feeders the importance of liberal feeding from birth of calf, and giving more attention to the important matter of early maturity. The figures clearly demonstrate that the greatest profit results to the feeder in marketing cattle at an early age, not exceeding twenty-four months.

[Signed] M. A. MORSE,
B. PULLEN,
JOHN GRIFFITH.

Steer or Spayed Heifer Under 12 Months Old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value at birth.....	Value milk.....	Value grain.....	Value hay and forage.....	Value pasture.....	Value other food consumed.....	Expense for care, etc.....	Total cost.....	Weight Nov. 10, 1885	Value Nov. 10, 1885, at 6 cts. per lb....	Cost of production per 100 pounds...
Henry Davis, Dyer, Ind	Grade Hereford..	Marquis	May 14, 1885	$5 00	$14 40	12	30	.....	47	$2 00	$22 29	580	$34 80	$3 84
J. R. Price & Son, Williamsville	" " ..	Express	Dec. 1, 1884	5 00	11 40	4 15	60	$2 25	.....	3 83	27 23	910	54 60	2 99
" " "	" " ..	Excelsior	Jan. 1, 1885	5 00	11 40	2 49	32	2 25	.....	3 50	24 96	895	53 70	2 79
B. Waddel, Marion, O	Gr. Short-Horn..	Charley	July 15, 1885	5 00	9 44	87	18	.....	.....	1 33	16 82	405	24 30	4 15
Frank Willson, Jackson, Mich	" " ..	Monarch	Jan. 20, 1885	5 00	29 00	4 96	$3 60	.....	$3 30	3 33	49 19	860	51 60	5 72
Average				$5 00	$15 13	$2 52	$1 00	$2 25	$1 88	$2 80	$30 58	730	$43 80	$4 19

Steer or Spayed Heifer 1 to 12 Months Old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value at birth.....	Value milk.....	Value grain.....	Value hay and forage.....	Value pasture.....	Expense for care, etc.....	Total cost.....	Weight at 12 mos	Value at 12 mos. at 6 cts. per lb...	Cost of production per 100 pounds...
T. W. Hunt, Ashton	Gr. Short-Horn..	Reliance	Apr. 12, 1884	$5 00	$10 80	$9 45	$2 00	$4 50	$4 00	$35 75	760	$45 60	$4 70
B. Waddel, Marion, O	" " ..	Phillip	Nov. 10, 1884	5 00	12 00	2 41	.....	5 25	4 00	28 66	1,065	63 90	2 63
J. D. Gillett, Elkhart	" " ..	Roy	Jan. 3, 1884	5 00	6 00	1 48	1 25	4 50	4 00	22 23	700	42 00	3 17
" "	" " ..	Champion	Dec. 2, 1883	5 00	6 00	1 48	1 25	4 50	4 00	22 23	700	42 00	3 17
" "	" " ..	Fisher	Jan. 2, 1883	5 00	6 00	1 48	1 25	4 50	4 00	22 23	700	42 00	3 17
" "	" " ..	Ricket	Feb. 12, 1883	5 00	6 00	1 48	1 25	4 50	4 00	22 23	701	42 00	3 17
B. Waddel, Marion, O	" " ..	Dan	Sept. 1, 1882	5 00	5 40	.....	4 20	5 00	4 00	23 60	800	48 00	2 95
J. P. Gillett, Elkhart	" " ..	Adams	Apr. 10, 1882	5 00	6 00	1 48	1 25	4 50	4 00	22 23	700	42 00	3 17
J. D. Gillett, Elkhart	" " ..	Davy	July 30, 1882	5 00	6 00	1 48	1 25	4 50	4 00	22 23	700	42 00	3 17
Average				$5 00	$7 13	$2 59	$1 71	$4 64	$4 00	$25 07	758	$45 48	$3 31

Steer or Spayed Heifer 12 to 24 Months Old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value grain	Value hay and forage	Value pasture	Expense for care, etc.	Total cost of production	Weight at 24 months	Value at 24 mos. at 6 cts. per pound	Cost of production per 100 lbs. in gain made from 12 to 24 months	Gain 12 to 24 months	Increase or d'crease in gain, 1st 12 mos. over 2d 12 mos.
J. D. Gillett, Elkhart	Gr. Short-Horn	Fisher	Jan. 2, 1883	$18 55	$2 40	$6 00	$6 00	$32 95	1,450	$87 00	$4 39	750	—50
" "	" "	Rocket	Feb. 12, 1883	18 55	2 40	6 00	6 00	32 95	1,400	84 00	4 71	700	.....
B. Waddel, Marion, O	" "	Dan	Sept. 1, 1882	.....	8 00	6 00	6 00	20 00	1,400	84 00	3 33	600	+200
J. P. Gillett, Elkhart	" "	Adams	Apr. 10, 1882	18 55	2 40	6 00	6 60	32 95	1,400	84 00	4 71	700	.....
J. D. Gillett, Elkhart	" "	Davy	July 30, 1882	18 55	2 40	6 00	6 00	32 05	1,400	84 00	4 71	700	.....
Average				$18 55	$3 52	$6 00	$6 00	$34 07	1,410	$84 60	$4 94	690	+75

Steer or Spayed Heifer 24 to 36 Months Old.

Name and Postoffice of Exhibitor.	Grade.	Name of Animal.	Date of birth.	Value grain	Value hay and foliage	Value pasture	Expense for care, etc.	Total cost of production 24 to 36 months	Weight at 36 mos.	Value at 36 months at 6 cts. per lb.	Cost production per 100 lbs. on g'n made from 24 to 36 mos.	Gain 24 to 36 mos.	Gain 12 to 24 mos.	Gain 1 to 12 months.
B. Waddel, Marion, O.	Gr. Short-Horn	Dan	Sept. 1, 1882	$15 37	$8 00	$7 50	$9 00	$39 87	1,900	$114 00	$7 37	500	600	800
J. P. Gillett, Elkhart	" "	Adams	Apr. 10, 1882	33 39	2 40	7 50	9 00	52 29	1,700	102 00	17 43	300	700	700
J. D. Gillett, Elkhart	" "	Davy	July 30, 1882	33 39	2 40	7 50	9 00	52 29	1,700	102 00	17 43	300	700	700
Average				$27 38	$4 27	$7 50	$9 00	$48 15	1,767	$106 02	$13 12	367	667	733

CLASS A—CATTLE. DAIRY BREEDS.

Lot 18—Holstein or Friesian.

Bull 3 years old or over.

No.	Exhibitor.	Date of birth	Name of Animal.
196	Thos. B. Wales, Jr., Iowa City, Ia.	Mar. 1, 1882	Solon Prince
197	Smiths, Powell & Lamb, Syracuse, N. Y.	Apr. 1, 1880	Netherland Prince
198	" "	Apr. 15, 1882	Prince Imperial

Premium, $125, to Solon Prince, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.

Cow 3 years old and over.

199	Thos. B. Wales, Jr., Iowa City, Ia.	Jan. 11, 1879	Jepma
200	" "	Mar. 10, 1882	Tritomia
201	Smiths, Powell & Lamb, Syracuse, N. Y.	Mar. 15, 1877	Netherland Baroness
202	" "	Mar. 7, 1879	Lady Fay
203	" "	Spring, 1878	Valley Beauty
204	" "	Mar. 20, 1880	Netherland Belle
205	" "	March, 1880	Aggie Cornelia 3d
206	" "	Mar. 15, 1882	Executrix.
207	" "	Mar. 27, 1882	Alexander's Queen
208	George E. Brown & Co., Aurora	Feb. 1, 1876	Meika
209	" "	Mar. 17, 1877	Filligree
210	" "	Feb. 3, 1881	Iradne
211	" "	Mar. 19, 1882	Sluitje
212	" "	Mar. 19, 1881	Sealskin
213	" "	Mar. 2, 1879	Lady Wheatland
214	" "	Mar. 10, 1881	Lady Van Tiel

First premium, $100, to Lady Fay, exhibited by Smiths Powell & Lamb, Syracuse, N. Y.

Second premium, $50, to Jepma, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.

Third premium, $25, to Alexander's Queen, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.

Lot 19—Ayrshire.

Bull 3 years old or over.

215	John Stewart, Blackberry	Dec. 13, 1880	Duke of Illinois
216	Wm. Fairweather, McLane, Pa	Apr. 11, 1878	Premier 2321
217	" "	Apr. 10, 1882	Dunkeld 2951

Premium, $125, to Duke of Illinois, exhibited by John Stewart, Blackberry.

Cow 3 years old or over.

No.	Exhibitor.	Date of birth.	Name of Animal.
218	John Stewart, Blackberry	Oct. 29, 1880	Maid of Compton 6463
219	" "	Sept. —, 1878	Crummy
220	" "	Mar. 10, 1875	Ayrshire Ellen 4890
221	" "	May 30, 1878	Spotty G. 4900
222	Wm. Fairweather, McLane, Pa	June 22, 1880	Lady Suffolk 5795
223	" "	Mar. 29, 1880	Violet 6th 5204

First premium, $100, to Spotty G. 4900, exhibited by John Stewart, Blackberry.

Second premium, $50, to Crummy, exhibited by John Stewart, Blackberry.

Third premium, $25, to Maid of Compton 6463, exhibited by John Stewart, Blackberry.

Lot 20—Jersey.

Bull 3 years old or over,

224	George F. Davis & Co., Dyer, Ind	Mar. 17, 1880	Talcott
225	E. H. Bierer, Rockford	Mar. 5, 1882	Jumbo
226	F. H. Johnson & Co., South Bend, Ind	May 2, 1889	Duke of Willow Grove 4813

Premium, $125, to Duke of Willow Grove 4813, exhibited by F. H. Johnson & Co., South Bend, Ind.

Cow 3 years old or over.

227	F. H. Johnson & Co., South Bend, Ind	Feb. 25, 1882	Little Patience 18250
228	" "	Nov. 20, 1880	Luna Bell 2d, 15461
229	Seth Wadhams, Elmhurst	Jan. 11, 1879	Gold Trinket 9518
230	" "	Dec. 28, 1882	Silver Hill 20905

First premium, $100, to Little Patience 18250, exhibited by F. H. Johnson & Co., South Bend, Ind.

Second premium, $50, to Gold Trinket 9518, exhibited by Seth Wadhams, Elmhurst.

Third premium, $25, to Silver Hill 20905, exhibited by Seth Wadhams, Elmhurst.

CLASS B—HORSES.

DAVID GORE *Superintendent Draft Horses.* E. C. LEWIS, *Superin'endent Light Horses.*

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of birth.	Weight in lbs. Nov. 10, 1885.....	Name of Animal.	Breed.	Color.
340	Geo. E. Brown, Aurora, Ill	1882		Duke of Norfolk	English Shire	
341	" " "	1882		Ingelthorpe	"	
342	" " "	1882		Crusader	Cleveland Bay	
343	" " "	1883		Chevalier	"	
344	" " "	1883		Lothair	"	
345	" " "	1882		Holland Major	English Shire	
352	Geo. H. Covert, Chicago, Ill			Mambrino Prince	Roadster	
353	" "			Dandy		
354	E. D. Foster, Lowell, Ind					
355	R. Nagle & Sons, Ottawa, Ill			Regal	Norman	
356	" " "	1880		Bramble, 1967	"	
357	" " "	1878		Avata, 1966	"	
358	" " "	1881		Confident, 3647	"	
360	J. C. Duncan, Normal, Ill			Pilot	"	
361	" " "	1881		Le Fard, 3387	"	
362	" " "	1882		Fleuron, 3388	"	
363	" " "	1882		Charles, 3390	"	
364	" " "	1880		Blondeau, 3397	"	
365	" " "			Duclin, 3386	"	
366	Degen Bros., Ottawa, Ill	1880		King	"	
367	" " "	1882		Tritomia	"	
368	" " "	1881		Galage 2d	"	
369	" " "	1880		Waterloo	"	
370	" " "	1881		Rateny	"	
371	" " "	1882		Teeshey	"	
372	Dillon Bros., Normal, Ill	1881		Charley	Arabian	
373	" " "	1881		Frank	"	
374	" " "	1876		Modesty, 998	Norman	
375	" " "	1880		Leisure B, 467	"	
376	" " "	1881		Calculator, 1138	"	
377	" " "	1881		Ismay, 2160	"	

Class B—Horses—Continued.

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of birth.	Weight in lbs. Nov. 10, 1885.....	Name of Animal.	Breed.	Color.
378	John Virgin, Fairbury, Ill	1882		High Court, 3443	Norman	
379	" "	1882		Utah, 1572	"	
380	" "	1883		Arctic, 3442	"	
381	" "	1880		Money Maker, 2101	"	
382	" "	1882		Vandolah, 1580	"	
383	" "	1878		Fearless	"	
384	Galbraith Bros., Janesville, Wis			Tom Thumb and Tommy Dodd	Shetland Ponies	
385	" "	1883		Freemason, 2573	Clydesdale	
386	" "	1881		Beau Nash, 2978	English Shire	
387	" "	1882		Garfit, 3093	"	
388	" "	1882		Hector, 2861	Clydesdale	
389	" "	1884		British Flag, 3592	English Shire	
390	David Grant, Cedar Rapids, Ia	1880		Sultan	Norman	
391	" "	1881		Prince of Monreith	"	
392	" "	1882		Prince William	"	
393	" "	1882		Young Dunlap	"	
394	Blair Bros. & Curry, Aurora, Ill	1883		Blythe Napoleon	English Shire	
395	" "	1882		Blythe Revenue	"	
396	" "	1882		Bright Laddie	Clydesdale	
397	" "	1881		Scottish Lad	"	
402	Bowles & Hadden, Janesville, Wis	1881		Franceur, 3403	Norman	
403	" " "	1880		Muras, 3400	"	
404	" " "	1881		Eugene, 3402	"	
405	" " "	1883		Tonquero, 3409	"	
406	" " "	1883		Jolly, 3408	"	
407	John Irving Pearce, Jr., Chicago, Ill	1876		Lady Wilmington		
408	" " "	1878		Bay Prince		
409	" " "			Chauncey		
...	" " "	1878		Don Raven		
410	James A. Perry, Wilmington, Ill	1880		Mellican Man	Norman	
411	" "			The Right Sort		
412	" "	1881		San Antonia	Norman	
413	" "			General		
414	" "	1881		Honest Tom	Norman	
415	" "	1881		Chicago	"	

...	Wm. M. Moffatt & Bro., Paw Paw, Ill	1882	....	Nonesuch, 251	Clydesdale	.....
...	" " "	1882	.....	True Bill, 2091	"	.....
...	" " "	1882	.....	Culraven	"	.....
...	" " "	1882	.....	Pres. Arthur	"	.....
...	" " "	1883	.....	Am. Commander..	"	....
...	Peter Schuttler, Jr., Chicago.....	1880	.....	Dan	.....	.....

CLASS B—HORSES.

Lot 22—Nornam-Percheron.

Five Stallions over 2 years old, imported in 1885.

No.	Exhibitor.	Date of Birth.	Name of Animal.
231	Bowles & Hadden, Janesville, Wis	1881	Franceur 3403
232	" "	1880	Muras 3400
233	" "	1881	Eugene 3402
234	" "	1883	Tonquero 3409
235	" "	1883	Jolly 3408
236	J. C. Duncan, Normal	1881	Le Fard 3387
237	" "	1882	Fleuron 3388
238	" "	1880	Blondeau 3397
239	" "	1882	Charles 3390
240	" "	....	Duclin 3386
241	Degen Bros., Ottawa	1880	King
242	" "	1882	Tritonia
243	" "	1881	Galage 2d
244	" "	1880	Waterloo
245	" "	1881	Rateny

Premium, $100, to Degen Bros., Ottawa.

Stallion 3 years old or over.

246	Dillon Bros., Normal	1880	Leisure B 467
247	" "	1882	Valmonte 2426
248	" "	1881	Calculator 1138
249	" "	1881	Ismay 2160
250	R Nagle & Sons, Grand Ridge	1881	Confident 397 (3647)
251	" "	1878	Arata 912 (1966)
252	" "	1880	Bramble 925 (1967)
253	David Grant, Cedar Rapids, Ia	1880	Sultan 144
236	J. C. Duncan, Normal	1881	Le Fard 3387
237	" "	1882	Fleuron 3388
254	Jas. A. Perry, Wilmington	....	The Right Sort
255	" "	1881	San Antonio
256	" "	1881	Chicago
257	" "	1881	Honest Tom
258	" "	1880	Mellican Man
241	Degen Bros., Ottawa	1880	King
242	" "	1882	Tritonia
243	" "	1881	Galage 2d
244	" "	1880	Waterloo
245	" "	1881	Rateny
259	" "	1882	Teeshy
260	John Virgin, Fairbury	1878	Fearless
261	" "	1882	Utah 1572
262	" "	1880	Money Maker 2101
263	" "	1882	Vandolah 1580
264	" "	1882	High Court 3443
232	Bowles & Hadden, Janesville, Wis	1880	Muras 3400
233	" "	1881	Eugene 3402
231	" "	1881	Franceur 3403
239	J. C. Duncan, Normal	1882	Charles 3390
240	" "	....	Duclin 3386

Premium, Studebaker farm wagon, value $125, to Confident, exhibited by R. Nagle & Sons, Grand Ridge.

Stallion 2 and under 3 years.

No.	Exhibitor.	Date of birth.	Name of Animal.
235	Bowles & Hadden, Janesville, Wis	1883	Jolly 3408
234	" "	1883	Tonquero 3409
265	John Virgin, Fairbury	1883	Arctic 3442

Premium, cutter, value $50, to Arctic 3442, exhibited by John Virgin, Fairbury.

Lot 23—Clydesdale.

Stallion 3 years old or over.

266	Galbraith Bros., Janesville, Wis	1877	Bravdane 2101
267	" "	1882	Hector 2475
268	Blair Bros. & Curry, Aurora	1881	Scottish Lad 4009
269	" "	1882	Bright Laddie 3465
270	David Grant, Cedar Rapids, Ia	1881	Prince of Monreith
271	" "	1882	Prince William
272	" "	1882	Young Dunlop (3312)
273	Wm. Moffatt & Bro., Paw Paw	1877	Nonesuch 251
274	" "	1882	True Bill 2091
275	" "	1882	Culraven 2095
276	" "	1882	President Arthur 1219
277	H. A. Treadwell, Elgin	....	Glencoe 158

Premium, swing-beam sulky plow, value $60, to Glencoe 158, exhibited by H. A. Treadwell, Elgin.

Stallion 2 and under 3 years old.

278	Galbraith Bros., Janesville, Wis	1883	Freemason 2473
279	Wm. Moffatt & Bro., Paw Paw	1883	American Commander 2066

Premium, iron-cased mower, value $75, to Freemason, exhibited by Galbraith Bros., Janesville, Wis.

Lot 24—English Shire.

Stallion 3 years old or over.

280	Galbraith Bros., Janesville, Wis	1881	Beau Nash (2978)
281	" "	1882	Garfit (3093)
282	Blair Bros. & Curry, Aurora	1882	Blythe Revenue
283	Geo. E. Brown & Co., Aurora	1882	Holland Major 3135

Premium, farm cart, value $75, to Holland Major 3135, exhibited by Geo. E. Brown & Co., Aurora.

Stallion 2 and under 3 years.

284	Galbraith Bros., Janesville, Wis	1883	British Flag (3492)
285	Blair Bros. & Curry, Aurora	1883	Blythe Napoleon

Premium, bridle, surcingle and blanket, value $25, to British Flag (3492), exhibited by Galbraith Bros., Janesville, Wis.

Lot 24½—Miscellaneous.

Roadster—Mare or Gelding.

No.	Exhibitor.	Date of birth.	Name of Animal.
286	Dillon Bros., Normal	1881	Frank
287	" "	1881	Charlie
288	Geo. H. Covert, Chicago	1877	Dandy
289	Caton Stock Farm, Joliet	1882	Jeanette
290	" "	1882	Cossack Maid
291	" "	1883	Lady Cossack
292	" "	1883	Sarah Cossack
293	J. Irving Pearce, Jr., Chicago	....	Don Raven
294	" "	1878	Bay Prince
295	H. A. Treadwell, Elgin	1880	Pat. Quinn
296	" "	1879	Garrard
297	Caton Stock Farm, Joliet.	....	Hennepin Maid
298	" "	....	Michigan

Premium, Perry road cart, value, $100, to Hennepin Maid, exhibited by Caton Stock Farm, Joliet.

Pair Carriage Horses—Mares or Geldings.

286	Dillon Bros., Normal	1881	Frank
287	" "	1881	Charlie
293	J. Irving Pearce, Jr., Chicago	....	Don Raven
294	" "	....	Chauncey

Premium, letter press and stand, value $25, to Don Raven and Chauncey, exhibited by J. Irving Pearce, Jr., Chicago.

Saddle Horse.

(Kent Publishing Co.'s Prize.)

286	Dillon Bros., Normal	1881	Frank
300	J. Irving Pearce. Jr., Chicago	1876	Lady Wilmington
294	" "	1878	Bay Prince
301	Geo. H. Covert, Chicago	....	Mambrino Prince

Premium, gold-mounted riding whip, value $20, to Bay Prince, exhibited by J. Irving Pearce, Jr., Chicago.

Saddle Horse.

(P. Hayden Saddlery Hardware Co.'s Prize.)

286	Dillon Bros., Normal	1881	Frank
300	J. Irving Pearce, Jr., Chicago	1876	Lady Wilmington
294	" "	1878	Bay Prince
301	Geo. H. Covert, Chicago	....	Mambrino Prince

Premium, saddle, value $25, to Bay Prince, exhibited by J. Irving Pearce, Jr., Chicago.

Shetland Pony.

No.	Exhibitor.	Date of birth.	Name of Animal.
302	Galbraith Bros., Janesville, Wis.....	1879	Tom Thumb.....
303	" "	1882	Tommy Dodd.....

Premium, silver cup, value $25, to Tom Thumb, exhibited by Galbraith Bros., Janesville, Wis.

Saddle Pony.

304	Peter Schuttler, Jr., Chicago.....	1880	Dan..... .....

Premium, silver cup, value $15, to Dan, exhibited by Peter Schuttler, Jr., Chicago.

CLASS C—SHEEP.

D. W. VITTUM, JR., *Superintendent.*

No. of Stall.	Name and Postoffice of Exhibitor.	Date of birth.	Age in days Nov. 10, 1885.	Weight November 10, 1885.	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.
266	Frank Willson, Jackson, Mich	Mar. 16, 1883	970	265	.27	Wonder	Cotswold
266	" "	Apr. 3, 1883	952	294	.31	Dandy	½ Cotswold, ½ Southdown
267	" "	Apr. 15, 1885	209	90	.43	Hank	" "
267	" "	"	209	101	.48	Mack	" "
268	" "	Apr. 9, 1885	215	126	.60	Dick	Cotswold
268	" "	Apr. 4, 1885	220	152	.70	Joe	"
268	" "	Apr. 12, 1885	212	100	.47	Perry	Oxford
269	" "	Apr. 13, 1885	211	99	.47	Frank	Hampshire
269	" "	Mar. 28, 1883	958	175	.18	John L.	Shropshire
269	" "	Mar. 23, 1883	963	167	.17	Walter G	"
270	" "	Mar. 18, 1882	1,333	229	.17	Robert K	Hampshire
270	" "	Mar. 4, 1885	251	149	.59	Keene	"
270	E. & A. Stanford, Steyning, Eng	Mar. 3, 1884	617	188	.30	Arthur	Southdown
270	" "	Feb. 27, 1885	256	140	.55	Billy	"
271	" "	Feb. 26, 1885	257	126	.49	Bertie	"
271	" "	Mar. 24, 1884	596	198	.33	Abraham	"
272	" "	"	596	200	.53	Albert	"
272	" "	Feb. 17, 1885	266	136	.51	Big Ben	"
290	J. H. Potts & Son, Jacksonville, Ill	Feb. 12, 1884	636	217	.42	Bert	Grade Southdown
290	" "	Apr. 10, 1885	214	95	.41	Al	Southdown
290	" "	"	214	89	.15	Ben	"
290	" "	Apr. 1, 1884	589	160	.27	Hershey	"
291	" "	"	589	151	.26	George	"
291	" "	"	589	172	.29	Tom	"
292	" "	"	589	153	.26	Henry	"
292	" "	"	589	155	.26	Dan	"
293	" "	Apr. 25, 1884	595	156	.26	Frank	"
293	" "	"	595	150	.25	Joe	"
294	" "	Feb. 8, 1884	640	188	.29	No. 56	"
294	" "	Feb. 14, 1884	634	191	.30	Bob	"
295	" "	Apr. 1, 1883	955	210	.22	Pat	"
296	" "	"	955	210	.22	Pet	"
296	" "	"	955	243	.25	Barney	"

297	J. H. Potts & Son, Jacksonville, Ill	Apr.	1, 1883	955	215	.22	Fred	Southdown		
297	" "	"		955	219	.23	Charlie	"		
315	Mrs. Ann Newton, Pontiac, Mich	Apr.	2, 1885	222	120	.54	George	Shropshire		
315	" "	Apr.	1, 1885	223	131	.59	Hampton	Hampshire		
315	" "	Apr.	13, 1885	211	106	.50	Ruby	"		
315	" "	Apr.	19, 1885	205	105	.50	Bedford	"		
315	" "	July	8, 1885	125	103	.82	Druce	Oxford		
315	" "	Apr.	2, 1885	222	105	.47	Henry	Cotswold		
315	" "	"		221	131	.59	Jake	Leicester		
315	" "	Apr.	26, 1884	563	184	.33	Victor	Lincoln		
315	" "	Apr.	2, 1885	222	118	.50	Pride	"		
315	" "	Apr.	5, 1884	584	192	.33	Tom	½ Shropshire, ½ Cotswold		
315	" "	Apr.	10, 1885	214	127	.59	Ned	½ Shropshire, ½ Leicester		
316	" "	Mar.	10, 1883	976	249	.25	Prince	Cotswold		
316	" "	Mar.	9, 1884	611	234	.38	Turpin	"		
316	" "	Mar.	5, 1884	615	228	.37	Burry	"		
316	" "	Mar.	25, 1883	961	256	.27	Will	Leicester		
316	" "	Apr.	3, 1884	586	239	.41	Lue	"		
316	" "	Mar.	29, 1883	957	227	.24	Duke	Lincoln		
316	" "	Mar.	27, 1884	593	173	.29	Jack	"		
317	" "	Mar.	10, 1882	1,341	257	.19	Dick	Shropshire		
317	" "	Mar.	3, 1883	983	308	.31	Brassey	Oxford		
317	" "	Apr.	3, 1883	952	310	.32	Jerry	½ Hampshire, ½ Cotswold		
317	" "	Apr.	1, 1883	954	280	.29	Blaine	" "		
...	" "	Mar.	27, 1884	593	210	.35	Dandy	Southdown		
...	" "	Mar.	3, 1883	983	256	.26	Sampson	Shropshire		
...	" "	Apr.	3, 1884	587	193	.33	Pug	"		
...	" "	Mar.	7, 1882	1,344	241	.18	Frank	Hampshire		
...	" "	Mar.	1, 1883	985	229	.33	Farmer	"		
...	" "	Mar.	24, 1884	596	231	.39	Hero	"		
...	" "	Mar.	21, 1884	599	218	.36	Duke	"		
335	B. Waddel, Marion, O	Apr.	10, 1883	945	265	.28	Jumbo	Cotswold		
...	" "	Apr.	15, 1883	940	204	.22	Henry	½ Cotswold, ½ Shropshire		
...	" "	Apr.	10, 1883	945	210	.22	Martin	" "		
...	" "	Apr.	12, 1883	943	211	.22	John	Leicester		
...	" "	May	10, 1883	915	241	.26	Noble	"		
...	" "	June	1, 1883	893	210	.23	Peter	Cotswold		
...	" "	May	10, 1883	915	186	.20	George	Shropshire		
...	" "	Dec.	20, 1883	691	185	.27	Joe	"		
...	" "	"		691	170	.25	Lee	"		
...	" "	Dec.	25, 1883	686	177	.26	Ben	½ Shropshire, ½ Southdown		
...	" "	"		686	179	.26	Willey	" "		
...	" "	Dec.	28, 1883	683	191	.28	Fant	" "		
...	" "	Aug.	2, 1885	100	77	.77	Longtail	½ Leicester, ½ Cotswold		
...	W. D. D. & L. C. Anderson, Anderson, O	Mar.	9, 1883	611	190	.31	Victor	Southdown		
...	Stone & Loake, Stonington, Ill	Apr.	28, 1883	927	200	.21	Economy	Oxford		
...	" "	Apr.	20, 1883	935	181	.19	Perfection	"		
...	" "	Apr.	26, 1885	198	133	.67	Champion	"		
...	" "	Apr.	30, 1885	194	94	.48	Tuck	"		
...	" "	Apr.	6, 1884	583	157	.27	Baker	Cotswold		
...	" "	Apr.	15, 1884	574	181	.31	Jack	"		

Class C—Sheep—Continued.

No. of stall	Name and Postoffice of Exhibitor,	Date of birth.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
...	Stone & Loake, Stonington, Ill	Apr. 25, 1883	930	200	.21	Hudson	½ Shropshire, ¼ Cotswold, ¼ Native
...	" "	Apr. 29, 1883	926	165	.17	Gregory	½ Southdown, ½ Native
...	" "	Apr. 20, 1883	935	176	.19	Hall	" "
...	" "	Apr. 22, 1884	567	160	.28	Curley	½ Oxford, ¼ Cotswold, ¼ Native
...	" "	Apr. 27, 1885	197	105	.53	Smut	" " "
...	Frank Srout, McLean, Ill	Mar. 12, 1882	1339	258	.19	Mat	Cotswold
...	" "	Apr. 1, 1832	1320	170	.13	Joe	Leicester
...	" "	Apr. 1, 1882	1320	218	.16	Harvey	
...	" "			170		Jim	
...	" "	Apr. 1, 1884	589	211	.36	Curly	Cotswold
...	John Rutherford, Roseville, Ont	Mar. 15, 1883	971	258	.26	Hazless	Shropshire
...	" "	Apr. 10, 1884	579	178	.31	Lorne	"
...	" "	Apr. 16, 1883	938	262	.28	Charlie	Hampshire
...	" "	Apr. 28, 1885	196	118	.60	Black Bill	"
...	" "	Apr. 20, 1882	1300	279	.21	Jumbo	Oxford
...	" "	Apr. 15, 1882	1305	346	.26	Curly Jim	Leicester
...	" "	May 10, 1883	915	250	.27	Dick	"
...	" "	Apr. 20, 1884	569	204	.36	Rob Roy	"
...	" "	Apr, 20, 1884	569	219	.38	Honest Gazier	"
...	" "	Apr. 20, 1885	204	133	65	Smith	"
...	" "	May 15, 1883	910	282	.31	James Brown	Lincoln
...	" "	May 11, 1883	914	273	.30	Robin Hood	"
...	" "	Apr. 10, 1884	579	221	.38	Master Bill	"
...	" "	Apr. 11, 1884	578	216	.37	Prof. Hobbs	"
...	" "	May 10, 1885	185	124	.67	Peter	"
...	" "	May 15, 1885	180	147	.81	George	½ Shropshire, ½ Leicester
...	" "	Apr. 25, 1883	930	246	.26	Professor	" "
...	" "	Apr. 26, 1883	929	268	.29	Sandy	½ Lincoln. ½ Shropshire
...	" "	May 4, 1883	921	280	.30	Moses	½ Lincoln. ½ Southdown
...	" "	Apr. 25, 1884	564	256	.45	Jack	½ Oxford, ½ Leicester
...	" "	Apr. 28, 1884	561	221	.39	Tom	½ Southdown, ½ Leicester
...	" "	May 8, 1884	551	221	.40	Bob	½ Hampshire, ½ Oxford
...	" "	May 10, 1885	184	162	.90	Proudfoot	½ Southdown, ¼ Leicester
...	" "	May 6, 1885	188	157	.83	Dan	½ Cotswold, ½ Shropshire

TABLE OF MEASUREMENTS OF PRIZE WINNING ANIMALS.

No.	Name of Animal.	Age in days, November 10, 1885	Weight in pounds	Average gain per day since birth	Length of carcass	Heart girth	Flank girth	Height from Ground			
								Top line.		Bot. line.	
								Shoulder.	Hip	Fore flank	Flank
					ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
305	Barney, Southdown, 2 or over, 1st premium	955	243	.25	3-07	4	3-08	2-09½	2-09½	1-04	1-05½
309	Pat, " " 3d "	955	210	.22	3-05½	4	3-09	2-09	2-09½	1-03	1-04½
317	Abraham, " 1 and under 2, 1st "	596	198	.33	3-07½	3-10	2-15½	2-05½	2-07	1-04½	1-05
318	Albert, " " 2d "	596	200	.33	3-06¼	3-09½	3-07½	2-07½	2-08	1-03	1-04
313	No. 56, " " 3d "	640	188	.29	3-04	3-09	3-10	2-08½	2-08	1-03¼	1-03½
320	Big Ben, " under 1 year, 1st "	266	136	.51	3-03	3-01	3-03	2-05¼	2-07	1-01	1-04½
321	Billy, " " 2d "	256	140	.55	3-02¼	3-01	3-02	2-04	2-04¾	1-02½	1-03½
324	Al. " " 3d "	214	95	.44	3	2-10	3	2-02	2-03	1-02	1-02
329	Hazless, Shropshire, 2 or over, 1st "	971	258	.26	3-09	4-04	3-11	2-10	2-11	1-03	1-04
325	Dick, " " 2d "	1,341	257	.19	3-09½	4-03	4	2-09¼	2-10½	1-03	1-03½
328	Walter G., " " 3d "	963	167	.17	3-04½	3-08	4	2-08½	2-08	1-02½	1-03½
332	Lee, " 1 and under 2, 1st "	691	170	.25	3-06½	3-10	3-08	2-08	2-07	1-03½	1-04
330	Pug, " " 2d "	587	193	.33	3-04¾	3-09	3-09	2-09	2-08½	1-02½	1-03
331	Lorne, " " 3d "	579	178	.31	3-03¼	4-04	4-05	2-08½	2-08½	1-04	1-04½
334	George, " under 1 year, 1st "	222	120	.54	3-00½	3-02	3-05	2-06	2-07	1-03	1-03½
335	Frank, Hampshire, 2 or over, 1st "	1,344	241	.18	4	4	3-11	2-11¼	2-11½	1-04½	1-05
338	Charlie, " " 2d "	938	262	.28	3-07½	4-05	4-05	2-11	3-00½	1-05	1-06
337	Robt. K., " " 3d "	1,333	229	.17	3-07	4	4	3	3	1-05¾	1-07
340	Duke, " 1 and under 2, 1st "	599	218	.36	3-07¾	4	4	3	2-11	1-04½	1-04½
339	Hero, " " 2d "	596	231	.39	3-09	3-08	3-10	2-11¼	3	1-04	1-05¼
344	Keene, " under 1 year, 1st "	251	149	.59	3-04½	3-06	3-07	2-09	2-08½	1-04	1-04
343	Bedford, " " 2d "	205	105	.50	3-03	3-06	3-07	2-07¼	2-08¼	1-04	1-04¼
347	Brassey, Oxford, 2 or over, 1st "	983	308	.31	4-01¼	4-06	4-08	3-02	3-02½	1-05	1-06
349	Economy, " " 2d "	927	200	.21	3-08½	3-11	3-07	2-08¼	2-08½	1-02½	1-04
352	Champion, " under 1 year, 1st "	198	133	.67	3-08	3-04	3-04	2-06	2-05½	1-03½	1-04
353	Tuck, " " 2d "	194	94	.48	2-11½	2-11	3-11	2-03½	2-03	1-01	1-01½
359	Wonder, Cotswold, 2 or over, 1st "	970	265	.27	3-08	4-01	4-03	2-10¾	2-10½	1-04½	1-06
357	Jumbo, " " 2d "	945	265	.28	3-10½	4	4-01	2-10½	2-10	1-06¼	1-06
356	Prince, " " 3d "	976	249	.25	3-04¾	4-04	4-04	3-01½	3-01½	1-06	1-06
361	Turpin, " 1 and under 2, 1st "	611	234	.38	3-09¼	4-03	4-02	2-10	3	1-03	1-04
363	Baker, " " 2d "	583	157	.27	3-06½	3-07	3-07	2-11	2-11	1-04	1-04½

Table of Measurements—Continued.

No.	Name of Animal.	Age in days, November 10, 1885	Weight in pounds	Average gain per day since birth	Length of carcass	Heart girth	Flank girth	Height from Ground			
								Top line.		Bot. line.	
								Shoulder.	Hip	Fore flank	Flank.
					ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
362	Burry, Cotswold, 1 and under 2, 3d premium	615	223	.39	3-02	3-05	3-05	2-09	2-09	1-03	1-03½
366	Joe, " under 1 year, 1st "	220	152	.70	3-01½	3-03	3-01	2-06½	2-07½	1-03½	1-04
367	Dick, " " 2d "	215	126	.60	3-03	3-03	3-05	2-07	2-09	1-04½	1-05½
365	Henry, " " 3d "	222	105	.47	3-00½	3	2-11	2-09½	2-07½	1-03½	1-04
371	Curly Jim, Leicester, 2 or over, 1st "	1,305	346	.26	3-06	5	4-07	3-00½	3-00½	1-03	1-06
372	Dick, " " 2d "	915	250	.27	3-06¾	4-08	4-10	3-01	2-10	1-04½	1-05½
369	Will, " " 3d "	961	256	.27	3-06	4-01	3-11	2-11½	3	1-03½	1-04½
...	Lue, " 1 and under 2, 1st "	586	239	.41	3-09	4-04	4	3-02	3-02	1-05½	1-06
...	Rob Roy, " " 2d "	569	204	.36	3-03½	4-04	4-10	2-11	2-10	1-05¼	1-05½
...	Honest Gazier, " " 3d "	569	219	.38	3-04¾	4-02	4-10	2-10	2-11	1-04½	1-05
...	Smith, " under 1 year, 1st "	204	133	.65	3-01	4-02	4-02	2-08¾	2-08	1-03½	1-06¼
...	Jake, " " 2d "	221	131	.59	3-02	3-04	3-05	2-07	2-07½	1-03½	1-04
...	Robin Hood, Lincoln, 2 or over, 1st "	1,183	273	.23	3-11	5-02	4-07	3	3	1-03½	1-04½
...	James Brown, " " 2d "	1,179	282	.24	3-09	4-06	4	3-01	3	1-05	1-07
...	Duke, " " 3d "	957	227	.24	3-04½	4-03	4	3	2-11	1-04	1-04½
...	Master Bill, " 1 and under 2, 1st "	579	221	.38	3-02½	4-04	4	3-10¾	2-10	1-05	1-05½
...	Prof. Hobbs, " " 2d "	578	216	.37	3-07	4-02	4-02	2-08¼	2-10½	1-05	1-06½
...	Jack, " " 3d "	593	173	.29	3-07	3-10	3-10	2-11	2-11	1-04½	1-04
...	Peter, " under 1 year, 2d "	185	124	.67	3-01	3-03	3-04	2-07½	2-08½	1-04¾	1-06
...	Pride, " " 3d "	222	118	.50	3-06	3-06	3-06	2-08	2-09	1-03	1-03½
...	Dandy, Cotswold-Southdown, 2 or over, 1st premium	952	294	.31	3-07½	4-06½	4-03	2-10	2-11	1-03½	1-04½
...	Blaine, Hampshire-Cotswold, " 2d "	954	280	.29	4-04	4-07	4-08	3-01	3-03	1-05	1-07
...	Hudson, Grade Shropshire, " 3d "	930	200	.21	3-02¾	3-09	3-10	2-07½	2-08	1-02½	1-02¾
...	Tom, Southdown-Leicester, 1 year and under 2, 1st premium	561	221	.39	3-03¾	4-04	4-03	2-11½	2-11	1-04½	1-06
...	Bert, Cotswold-Southdown, " 2d "	636	217	.34	3-05	3-10	3-08	2-08½	2-09½	1-04½	1-05
...	Bob, Hampshire-Oxford, " 3d "	551	221	.40	3-08	5-05	5-06	2-11	3	1-04¼	1-05½
...	Dan, Cotswold-Shropshire, under 1 year, 1st premium	188	157	.83	3-01	4	4	2-07¾	2-08	1-04	1-04
...	George, Shropshire-Leicester, " 2d "	180	162	.90	3-02	3-08	3-08	2-08¼	2-07½	1-04½	1-06
...	Proudfoot, Southdown-Leicester, " 3d "	184	162	.88	3-03	3-10	4	2-06¼	2-07	1-04½	1-05

CLASS C—SHEEP.

D. W. VITTUM, JR., *Superintendent.*

LOT 25—SOUTHDOWN.

Wether 2 years and over.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
305	J. H. Potts & Son, Jacksonville	955	243	.25	Barney
306	" "	955	210	.22	Pet
307	" "	955	219	.23	Charlie
308	" "	955	215	.22	Fred
309	" "	955	210	.22	Pat
	Average	955	219	.23	

First premium, $25, to wether Barney, exhibited by J. H. Potts & Son, Jacksonville.
Second premium, $15, to wether Charlie, exhibited by J. H. Potts & Son, Jacksonville.
Third premium, $10, to wether Pat, exhibited by J. H. Potts & Son, Jacksonville.

Wether 1 and under 2 years.

310	Mrs. Ann Newton, Pontiac, Mich	593	210	.35	Dandy
311	W. D. & L. C. Anderson, Anderson, O.	611	190	.31	Victor
312	J. H. Potts & Son, Jacksonville	634	191	.30	Bob
313	" "	640	188	.29	No. 56
314	" "	595	156	.26	Frank
315	" "	595	150	.25	Joe
316	" "	589	155	.26	Dan
317	E. & A. Stanford, Steyning, Eng	596	198	.33	Abraham
318	" "	596	200	.33	Albert
319	" "	617	188	.30	Arthur
	Average	607	183	.30	

First premium, $25, to wether Abraham, exhibited by E. & A. Stanford, Steyning, Eng.
Second premium, $15, to wether Albert, exhibited by E. & A. Stanford, Steyning, Eng.
Third premium, $10, to wether No. 56, exhibited by J. H. Potts & Son, Jacksonville.

Wether under 1 year.

320	E. & A. Stanford, Steyning, Eng	266	136	.51	Big Ben
321	" "	256	140	.55	Billy
322	" "	257	126	.49	Bertie
323	J. H. Potts & Son, Jacksonville	214	89	.41	Ben
324	" "	214	95	.44	Al
	Average	241	117	.48	

First premium, $25, to wether Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.
Second premium, $15, to wether Billy, exhibited by E. & A. Stanford, Steyning, Eng.
Third premium, $10, to wether Al, exhibited by J. H. Potts & Son, Jacksonville.

Lot 26—Shropshire.

Wether over 2 years.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
325	Mrs. Ann Newton, Pontiac, Mich	1,341	257	.19	Dick
326	" "	983	256	.26	Sampson
327	Frank Willson, Jackson, Mich	958	175	.18	John L.
328	" "	963	167	.17	Walter G
329	John Rutherford, Roseville, Ont	971	258	.26	Hazless
	Average	1,043	223	.21	

First premium, $25, to wether Hazless, exhibited by John Rutherford, Roseville, Ont.
Second premium, $15, to wether Dick, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Third premium, $10, to wether Walter G., exhibited by Frank Wilson, Jackson, Mich.

Wether 1 and under 2 years.

330	Mrs. Ann Newton, Pontiac, Mich	587	193	.33	Pug
331	John Rutherford, Roseville, Ont	579	178	.31	Lorne
332	B. Waddel, Marion, O	691	170	.25	Lee
333	" "	691	185	.26	Joe
	Average	639	181	.28	

First premium, $25, to wether Lee, exhibited by B. Waddel, Marion, O.
Second premium, $15, to wether Pug, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Third premium, $10, to wether Lorne, exhibited by John Rutherford, Roseville, Ont.

Wether under 1 year.

334	Mrs. Ann Newton, Pontiac, Mich	222	120	.54	George

First premium, $25, to wether George, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Lot 27—Hampshire.

Wether over 2 years old.

335	Mrs. Ann Newton, Pontiac, Mich	1,314	241	.18	Frank
336	" "	985	229	.23	Farmer
337	Frank Willson, Jackson, Mich	1,333	229	.17	Robt. K.
338	John Rutherford, Roseville, Ont	938	362	.28	Charlie
	Average	1,150	240	.21	

First premium, $25, to wether Frank, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Second premium, $15, to wether Charlie, exhibited by John Rutherford, Roseville, Ont.
Third premium, $10, to wether Robt. K, exhibited by Frank Willson, Jackson, Mich.

Wether 1 and under 2 years.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per days in pounds, since birth	Name of Animal.
339	Mrs. Ann Newton, Pontiac, Mich	596	231	.39	Hero
340	" " "	599	218	.36	Duke
	Average	597	224	.37	

First premium, $25, to wether Duke, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Second premium, $15, to wether Hero, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Wether under 1 year.

341	Mrs. Ann Newton, Pontiac, Mich	223	131	.59	Hampton
342	" " "	211	106	.50	Ruby
343	" " "	205	105	.50	Bedford
344	Frank Willson, Jackson, Mich	251	149	.59	Keene
345	" "	211	99	.47	Frank
346	John Rutherford, Roseville, Ont	196	118	.60	Black Bill
	Average	216	118	.55	

First premium, $25, to wether Keene, exhibited by Frank Willson, Jackson, Mich.
Second premium, $15, to wether Bedford, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Third premium $10, to wether Frank, exhibited by Frank Wilson, Jackson, Mich.

Lot 28—Oxford.

Weather over 2 years old.

347	Mrs. Ann Newton, Pontiac, Mich	983	308	.31	Brassey
348	Stone & Loake, Stonington	935	181	.19	Perfection
349	" "	927	200	.21	Economy
350	John Rutherford, Roseville, Ont	1,300	279	.21	Jumbo
	Average	1,036	242	.23	

First premium, $25, to wether Brassey, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Second premium, $15, to wether Economy, exhibited by Stone & Loake, Stonington.
Third premium, $10, to wether Jumbo, exhibited by John Rutherford, Roseville, Ont.

Wether under 1 year.

351	Mrs. Ann Newton, Pontiac, Mich	125	103	.82	Druce
352	Stone & Loake, Stonington	198	133	.67	Champion
353	" "	194	94	.48	Tuck
354	Frank Willson, Jackson, Mich	212	100	.47	Perry
	Average	182	107	.59	

First premium, $25, to wether Champion, exhibited by Stone & Loake, Stonington.
Second premium, $15, to wether Tuck, exhibited by Stone & Loake, Stonington.

Lot 29—Cotswolds.

Wether 2 years or over.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
355	Frank Srout, McLean	1,339	258	.19	Mat
356	Mrs. Ann Newton, Pontia,c Mich.	976	249	.25	Prince
357	B. Waddel, Marion, O	945	265	.28	Jumbo
358	" "	893	210	.23	Peter
359	Frank Willson, Jackson, Mich.	970	265	.27	Wonder
	Average	1,025	249	.24	

First premium, $25, to wether Wonder, exhibited by Frank Willson, Jackson, Mich.
Second premium, $15, to wether Jumbo, exhibited by B. Waddel, Marion, O.
Third premium, $10, to wether Prince, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Wether 1 and under 2 years.

360	Frank Srout, McLean	589	211	.36	Curley
361	Mrs. Ann Newton, Pontiac, Mich.	611	234	.38	Turpin
362	" "	615	228	.37	Burry
363	Stone & Loake, Stonington	583	157	.27	Baker
364	" "	574	181	.31	Jack
	Average	594	202	.34	

First premium, $25, to wether Turpin, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Second premium, $15, to wether Baker, exhibited by Stone & Loake, Stonington, O.
Third premium, $10, to wether Burry, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Wether under 1 year.

365	Mrs. Ann Newton, Pontiac, Mich.	222	105	.47	Henry
366	Frank Willson, Jackson, Mich	220	152	.70	Joe
367	" "	215	126	.60	Dick
	Average	219	128	.58	

First premium, $25, to wether Joe, exhibited by Frank Willson, Jackson, Mich.
Second premium, $15, to wether Dick, exhibited by Frank Willson, Jackson, Mich.
Third premium, $10, to wether Henry, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Lot 30—Leicester.

Wether 2 years or over.

368	Frank Srout, McLean	1,320	170	.13	Joe
369	Mrs. Ann Newton, Pontiac, Mich.	961	256	.27	Will
370	B. Waddel, Marion, O	943	211	.22	John
371	John Rutherford, Roseville, Ont.	1,505	346	.26	Curly Jim
372	" "	915	250	.27	Dick
	Average	1,089	247	.23	

First premium, $25, to wether Curly Jim, exhibited by John Rutherford, Roseville, Ont.
Second premium, $15, to wether Dick, exhibited by John Rutherford, Roseville, Ont.
Third premium, $10, to wether Will, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Wether 1 and under 2 years.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
373	Mrs. Ann Newton, Pontiac, Mich	586	239	.41	Lue
374	John Rutherford, Roseville, Ont	569	204	.36	Rob Roy
375	" " " "	569	219	.38	Honest Gazier
	Average	575	208	36	

First premium, $25, to wether Lue, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Second premium, $15, to wether Rob Roy, exhibited by John Rutherford, Roseville, Ont.

Third premium, $10, to wether Honest Gazier, exhibited by John Rutherford, Roseville, Ont.

Wether under 1 year.

376	Mrs. Ann Newton, Pontiac, Mich	221	131	.59	Jake
377	John Rutherford, Roseville, Ont	204	133	.65	Smith
	Average	212	132	.62	

First premium, $25, to wether Smith, exhibited by John Rutherford, Roseville, Ont.

Second premium, $15, to wether Jake, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Lot 31—Lincoln.

Wether 2 years or over.

378	Mrs. Ann Newton, Pontiac, Mich	957	227	.24	Duke
379	John Rutherford, Roseville, Ont	1,179	282	.24	James Brown
380	" " " "	1,183	273	.23	Robin Hood
	Average	1,106	261	.24	

First premium, $25, to wether Robin Hood, exhibited by John Rutherford, Roseville, Ont.

Second premium, $15, to wether James Brown, exhibited by John Rutherford, Roseville, Ont.

Third premium, $10, to wether Duke, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Wether 1 year and under 2.

381	Mrs. Ann Newton, Pontiac, Mich	593	173	.29	Jack
382	" " " " "	563	184	.33	Victor
383	John Rutherford, Roseville, Ont	579	221	.38	Master Bill
384	" " " "	578	216	.37	Prof. Hobbs
	Average	578	198	.34	

First premium, $25, to wether Master Bill, exhibited by John Rutherford, Roseville, Ont.

Second premium, $15, to wether Prof. Hobbs, exhibited by John Rutherford, Roseville, Ont.

Third premium, $10, to wether Jack, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Wether under 1 year.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per day in lbs. since birth	Name of Animal.
385	Mrs. Ann Newton, Pontiac, Mich	222	118	.50	Pride
386	John Rutherford, Roseville, Ont	185	124	67	Peter
	Average	203	121	.60	

Second premium, $15, to wether Peter, exhibited by John Rutherford, Roseville, Ont.
Third premium, $10, to wether Pride, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Lot 32—Grades and Crosses.

Wether 2 years or over.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
387	Frank Srout, McLean	1,320	218	.16	Harvey	
388	Mrs. Ann Newton, Pontiac, Mich	952	310	.32	Jerry	Hamps.-Cotsw'ld
389	Mrs. Ann Newton, Pontiac, Mich	954	280	.29	Blaine	"
390	B. Waddel, Marion, O	940	204	.22	Henry	Cotswold-Shrop.
391	" "	945	210	.22	Martin	"
392	Stone & Loake, Stonington.	930	200	.21	Hudson	Gr. Shropshire...
393	" " "	926	165	.18	Gregory	Gr. Southdown..
394	Frank Willson, Jackson, Mich	952	294	.31	Dandy	Cotswold-South.
395	John Rutherford, Roseville, Ont	930	246	.26	Professor	Shrop.-Leicester
396	John Rutherford, Roseville, Ont	929	268	.29	Sandy	Lincoln-Shrop...
397	John Rutherford, Roseville. Ont	921	280	.30	Moses	Lincoln-South...
	Average	973	243	.25		

First premium, $25, to wether Dandy, exhibited by Frank Willson, Jackson, Mich.
Second premium, $15, to wether Blaine, exhibited by Mrs. Ann Newton, Pontiac, Mich.
Third premium, $10, to wether Hudson, exhibited by Stone & Loake, Stonington.

Wether 1 and under 2 years.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
398	Mrs. Ann Newton, Pontiac, Mich	584	192	.33	Tom	Shrop.- Cotswold
399	B. Waddel, Marion, O	686	177	.26	Ben	Shrop. - Southd'n
400	" "	686	179	.26	Willey	"
401	J. H. Potts & Son, Jacksonville	636	217	.34	Bert	Cotswold- South.
402	Stone & Loake, Stonington.	567	160	.28	Curley	Grade Oxford
403	John Rutherford, Roseville, Ont.	564	256	.45	Jack	Oxford-Leicester
404	John Rutherford, Roseville, Ont	561	221	.39	Tom	South.- Leicester
405	John Rutherford, Roseville, Ont.	551	221	.40	Bob	Hampsh.- Oxford
	Average	604	203	.34		

First premium, $25, to wether Tom, exhibited by John Rutherford, Roseville, Ont.
Second premium, $15, to wether Bert, exhibited by J. H. Potts & Son, Jacksonville.
Third premium, $10, to wether Bob, exhibited by John Rutherford, Roseville, Ont.

Wether under 1 year.

406	Mrs. Ann Newton, Pontiac, Mich	214	127	.59	Ned	Shrop.- Leicester
407	B. Waddel, Marion, O	100	77	.77	Longtail	Leicester-Cots'ld
408	Stone & Loake, Stonington.	197	105	.53	Smut	Grade Oxford
409	Frank Willson, Jackson, Mich	209	101	.48	Mack	Cotswold- South.
410	Frank Willson, Jackson, Mich	209	90	.43	Hank	"
411	John Rutherford, Roseville, Ont	180	162	.90	George	Shrop.- Leicester
412	John Rutherford, Roseville, Ont	184	162	.88	Proudfoot	South.- Leicester
413	John Rutherford, Roseville, Ont	188	157	.83	Dan	Cotswold- Shrop.
	Average	185	123	.66		

First premium, $25, to wether Dan, exhibited by John Rutherford, Roseville, Ont.
Second premium, $15, to wether George, exhibited by John Rutherford, Roseville, Ont.
Third premium, $10, to wether Proudfoot, exhibited by John Rutherford, Roseville, Ont.

Lot 33—Pure Bred Middle Wools, by Ages.

Wether 2 years old or over.

347	Mrs. Ann Newton, Pontiac, Mich	983	308	.31	Brassey	Oxford
336	Mrs. Ann Newton, Pontiac, Mich	1,344	241	.18	Frank	Hampshire
329	John Rutherford, Roseville, Ont	971	258	.26	Hazless	Shropshire
305	J. H. Potts & Son, Jacksonville	955	243	.25	Barney	Southdown
	Average	1,063	262	.25		

Premium $50, to wether Hazless, exhibited by John Rutherford, Roseville, Ont.

Wether 1 and under 2 years.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
340	Mrs. Ann Newton, Pontiac, Mich	599	218	.36	Duke	Hampshire
332	B. Waddel, Marion, O	691	170	.25	Lee	Shropshire
317	E. & A. Stanford, Steyning, Eng	596	198	.33	Abraham	Southdown
	Average	629	195	.31		

Premium, $50, to wether Lee, exhibited by B. Waddel, Marion, O.

Wether under 1 year.

352	Stone & Loake, Stonington.	198	133	.67	Champion	Oxford
344	Frank Willson, Jackson, Mich	251	149	.51	Keene	Hampshire
334	Mrs. Ann Newton, Pontiac, Mich	222	120	.54	George	Shropshire
320	E. & A. Stanford, Steyning, Eng	266	136	.51	Big Ben	Southdown
	Average	234	134	.57		

Premium, $25, to wether Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.

Lot 34—Pure Bred Long Wools, by Ages.

Two years or over.

380	John Rutherford, Roseville, Ont	1,183	273	.23	Robin Hood	Lincoln
371	John Rutherford, Roseville, Ont	1,305	346	.26	Curley Jim	Leicester
359	Frank Willson, Jackson, Mich	970	265	.27	Wonder	Cotswold
	Average	1,153	295	.25		

Premium, $50, to wether Hood, exhibited by John Rutherford, Roseville, Ont.

Wether 1 and under 2.

383	John Rutherford, Roseville, Ont	579	221	.38	Master Bill	Lincoln
373	Mrs. Ann Newton, Pontiac, Mich.	586	239	.41	Lue	Leicester
361	Mrs. Ann Newton, Pontiac, Mich.	611	234	.38	Turpin	Cotswold
	Average	592	231	.39		

Premium, $50, to wether Turpin, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Wether under 1 year.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
377	John Rutherford, Roseville, Ont	204	133	.65	Smith	Leicester
366	Frank Willson, Jackson, Mich	220	152	.70	Joe	Cotswold
	Average	212	142	.67		

Premium, $25, to wether Smith, exhibited by John Rutherford, Roseville, Ont.

Lot 35—Sweepstakes.

Wether 2 years or over.

329	John Rutherford, Roseville, Ont	971	258	.26	Hazless	Shropshire
380	John Rutherford, Roseville, Ont	1,183	273	.23	Robin Hood	Lincoln
....	Frank Willson, Jackson, Mich.	952	294	.31	Dandy	Cots.-Southdown
	Average	1,035	275	.26		

Premium, $50, to wether Dandy, exhibited by Frank Willson, Jackson, Mich.

Wether 1 and under 2 years.

332	B. Waddel, Marion, O	691	170	.25	Lee	Shropshire
361	Mrs. Ann Newton, Pontiac, Mich	611	234	.38	Turpin	Cotswold
	Average	651	202	.31		

Premium, $50, to wether Lee, exhibited by B. Waddel, Marion, O.

Wether under 1 year.

320	E. & A. Stanford, Steyning, Eng	266	136	.51	Big Ben	Southdown
377	John Rutherford, Roseville, Ont	204	133	.65	Smith	Leicester
	Average	235	134	.57		

Premium, $25, to wether Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.

Lot 36—Grand Sweepstakes.

Best Wether in the Show.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Averge gain per day, in pounds, since birth	Name of Animal.	Breed.
394	Frank Willson, Jackson, Mich	952	294	.31	Dandy	Cots.-Southdown
332	B. Waddel, Marion, O	691	170	.25	Lee	Shropshire
320	E. & A. Stanford, Steyning, Eng.	266	136	.51	Big Ben	Southdown

Premium, $50, to wether Lee, exhibited by B. Waddel, Marion, O.

Lot 37—Heaviest Fat Sheep—open to all.

Wether of any age.

355	Frank Srout, McLean	1,339	258	.19	Mat	Cotswold
347	Mrs. Ann Newton, Pontiac, Mich	983	308	.31	Brassey	Oxford
357	B. Waddel, Marion, O	945	265	.28	Jumbo	Cotswold
318	E. & A. Stanford, Steyning, Eng	596	200	.33	Albert	Southdown
305	J. H. Potts & Son, Jacksonville	955	243	.25	Barney	"
371	John Rutherford, Roseville, Ont	1,305	346	.26	Curley Jim	Leicester

Premium, $25, to wether Curley Jim, exhibited by John Rutherford, Roseville, Ont.

Lot 38—Pen of Wethers.

Five Fat Wethers, 2 and under 3 years.

Pen No. 1.

347	Mrs. Ann Newton, Pontiac, Mich.	983	308	.31	Brassey	Oxford
326	Mrs. Ann Newton, Pontiac, Mich.	983	256	.26	Sampson	Shropshire
388	Mrs. Ann Newton, Pontiac, Mich.	952	310	.32	Jerry	Hampshire-Cots.
389	Mrs. Ann Newton. Pontiac, Mich.	954	280	.29	Blaine	"
335	Mrs. Ann Newton, Pontiac, Mich.	1,344	241	.18	Frank	Hampshire
	Average	1,043	279	.27		

PEN NO. 2.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
391	B. Waddel, Marion, O.	945	210	.22	Martin	Cots.-Shropshire
390	" "	940	204	.22	Henry	"
414	" "	915	241	.26	Noble	Leicester
370	" "	943	211	.22	John	"
358	" "	893	210	.23	Peter	Cotswold
	Average	927	215	.23		

PEN NO. 3.

349	Stone & Loake, Stonington.	927	200	.21	Economy	Oxford
348	" "	935	181	.19	Perfection	"
392	" "	930	200	.21	Hudson	Gr. Shropshire
393	" "	926	165	.18	Gregory	Gr. Southdown
415	" "	935	176	.19	Hall	"
	Average	931	184	.20		

PEN NO. 4.

327	Frank Willson, Jackson, Mich.	958	175	.18	John L.	Shropshire
328	Frank Willson, Jackson, Mich	963	167	.17	Walter G.	"
359	Frank Willson, Jackson, Mich.	970	265	.27	Wonder	Cotswold
337	Frank Willson, Jackson, Mich.	1,333	229	.17	Robt. K.	Hampshire
394	Frank Willson, Jackson, Mich.	952	294	.31	Dandy	Cots.-Southdown
	Average	1,035	226	.22		

PEN NO. 5.

329	John Rutherford, Roseville, Ont.	971	258	.26	Hazless	Shropshire
338	John Rutherford, Roseville, Ont.	938	262	.28	Charlie	Hampshire
372	John Rutherford, Roseville, Ont.	915	250	.27	Dick	Leicester
379	John Rutherford, Roseville, Ont.	1,179	282	.24	James Brown	Lincoln
380	John Rutherford, Roseville, Ont.	1,183	273	.23	Robin Hood	"
	Average	1,037	265	.25		

PEN NO. 6.

No.	Exhibitor.	Age in days, Nov 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds since birth	Name of Animal.	Breed.
305	J. H. Potts & Son, Jacksonville	955	243	.25	Barney	Southdown
307	J. H. Potts & Son, Jacksonville	955	219	.23	Charlie	"
308	J. H. Potts & Son, Jacksonville	955	215	.22	Fred	"
306	J. H. Potts & Son, Jacksonville	955	210	.22	Pet	"
309	J. H. Potts & Son, Jacksonville	955	210	.22	Pat	"
	Average	955	219	.23		

Premium, $50, to Pen. No. 6, owned by J. H. Potts & Son, Jacksonville.

Five Fat Wethers, under 2 years.

PEN NO. 1.

361	Mrs. Ann Newton, Pontiac, Mich	611	234	.38	Turpin	Cotswold
362	Mrs. Ann Newton, Pontiac, Mich	615	228	.37	Burry	"
37	Mrs. Ann Newton, Pontiac, Mich	586	239	.41	Lue	Leicester
37	Mrs. Ann Newton, Pontiac, Mich	221	131	.59	Jake	"
38	Mrs. Ann Newton, Pontiac, Mich	562	184	.33	Victor	Lincoln
	Average	519	203	.39		

PEN NO. 2.

416	B. Waddel, Marion, O	683	191	.28	Faut	Shrop'e-So'th'wn
400	" "	686	179	.26	Willey	"
399	" "	686	177	.26	Ben	"
332	" "	691	170	.24	Lee	Shropshire
333	" "	691	185	.27	Joe	"
	Average	687	180	.26		

PEN NO. 3.

319	E. & A. Stanford, Steyning, Eng	617	188	.30	Arthur	Southdown
321	F. & A. Stanford, Steyning, Eng	256	140	.55	Billy	"
322	E. & A. Stanford, Steyning, Eng	257	126	.49	Bertie	"
317	E. & A. Stanford, Steyning, Eng	596	198	.33	Abraham	"
318	E. & A. Stanford, Steyning, Eng	596	200	.33	Albert	"
	Average	464	170	.37		

PEN No. 4.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
363	Stone & Loake, Stonington.	583	157	.27	Baker	Cotswold
364	" "	574	181	.31	Jack	"
402	" "	567	160	.28	Curley	Grade Oxford
352	" "	198	133	.67	Champion	Oxford
408	" "	197	105	.53	Smut	Grade Oxford
	Average	424	147	.35		

PEN No. 5.

344	F. Willson, Jackson, Mich.	251	149	.59	Keene	Hampshire
345	" " "	211	99	.47	Frank	"
354	" " "	212	147	.47	Perry	Oxford
409	" " "	209	101	.48	Mack	Cotsw'd- So'thd'n
410	" " "	209	90	.43	Hank	"
	Average	218	108	.49		

PEN No. 6.

312	J. H. Potts & Son, Jacksonville	634	191	.30	Bob	Southdown
313	J. H. Potts & Son, Jacksonville	640	183	.29	No. 56	"
314	J. H. Potts & Son, Jacksonville	595	156	.26	Frank	"
315	J. H. Potts & Son, Jacksonville	595	150	.25	Joe	"
316	J. H. Potts & Son, Jacksonville	589	155	.26	Dan	"
	Average	611	168	.27		

Premium, $50, to Pen No. 6, exhibited by J. H. Potts & Son, Jacksonville.

LOT 39—DRESSED CARCASS.

Wether 2 years or over.

349	Stone & Loake, Stonington.	927	200	.21	Economy	Oxford
348	" "	935	181	.19	Perfection	"
306	J. H. Potts & Son, Jacksonville	955	210	.22	Pet	Southdown
394	F. Willson, Jackson, Mich.	952	294	.31	Dandy	Cotsw'd- So'thd'n
	Average	942	221	.23		

Premium, $25, to wether Perfection, exhibited by Stone & Loake, Stonington.

Wether 1 and under 2 years.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
311	W. D. & L. C. Anderson, Anderson, O	611	190	.31	Victor	Southdown
317	E & A. Stanford, Steyning, Eng	596	198	.33	Abraham	"
363	Stone & Loake, Stonington.	583	157	.27	Baker	Cotswold
332	B. Waddel, Marion, O	691	170	.25	Lee	Shropshire.
	Average	620	179	.29		

Premium, $25, to wether Baker, exhibited by Stone & Loake, Stonington.

Wether under 1 year.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
320	E. & A. Stanford, Steyning, Eng	266	136	.51	Big Ben	Southdown

Premium, $25, to wether Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.

Lot 27—Dressed Carcass.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age, over 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Live weight at slaughter	Weight of dressed carcass	Per cent. net carcass to gross or live weight	Weight of pelt	Weight of tallow.	Per cent. carcass, pelt and tallow to gross weight.	Weight of head	Weight of lungs and heart	Weight of liver and melt	Weight of paunch and intestines	Weight in blood	Shrinkage	Per cent. offal and and shrinkage to live weight
Frank Willson, Jackson, Mich.	Dandy	Cotswold-South.	952	278	195	.70	19½	.....	.77	8	7	.....	35	11	2½	.23
J. H. Potts & Son, Jacksonville	Pet	Southdown	955	202	132	.65	16½	.....	.74	5	5½	.....	35	7	1	.26
Stone & Loake, Stonington	Economy	Oxford	935	207	132	.64	16	.....	.71	5	5½	.....	39	7½	2	.29
" " "	Perfection	"	927	182	107	.59	15	.....	.67	4½	5	.....	41	6½	3	.33
Average			942	217	141	.65	17	.....	.73	5½	5¾	.....	37¾	8	2¾	.27

Age, 1 and under 2 years.

Stone & Loake, Stonington	Baker	Cotswold	583	179	105½	.59	18½	.....	.69	5	6	.....	34½	6½	3	.31
W. D. & L. C. Anderson, Anderson, O	Victor	Southdown	611	187	117	.62	14½	.....	.70	5½	6½	.....	34	7½	2	.30
B. Waddel, Marion, O	Lee	Shropshire	691	175	114	.65	13½	.....	.73	5½	5½	.....	29	7½	1	.27
E. & A. Stanford, Steyning, Eng.	Abraham	Southdown	596	194	129	.66	17	.....	.75	5	5	.....	30	7	1	.25
Average			620	184	116½	.63	15¾	.....	.72	5¼	5¾	.....	32	7	1¾	.28

Age, under 1 year.

E. & A. Stanford, Steyning, Eng.	Big Ben	Southdown	266	128	73	.57	12	.....	.66	4½	4	.....	25	5	5½	.34

Lot 40—Dressed Carcass—Sweepstakes.

Best Carcass Wether any age.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
348	Stone & Loake, Stonington.	935	181	.19	Perfection	Oxford
363	" "	583	157	.27	Baker	Cotswold
320	E. & A. Stanford, Steyning, Eng	266	136	.51	Big Ben	Southdown

Premium. $25, to wether Baker, exhibited by Stone & Loake, Stonington.

Lot 41—Gain per Day.

351	Mrs. Ann Newton, Pontiac, Mich	125	103	.82	Druce	Oxford
40	B. Waddel, Marion, O	100	77	.77	Longtail	Leic'tr-Cotswold.
349	Stone & Loake, Stonington.	927	200	.21	Economy	Oxford
348	" "	935	181	.19	Perfection	"
352	" "	198	133	.67	Champion	"
353	" "	194	94	.48	Tuck	"
363	" "	583	157	.27	Baker	Cotswold
364	" "	574	181	.31	Jack	"
392	" "	930	200	.21	Hudson	Gr. Shropshire...
393	" "	926	165	.18	Gregory	Gr. Southdown...
415	" "	935	176	.19	Hall	"
402	" "	567	160	.28	Curley	Gr. Oxford
408	" "	197	105	.53	Smut	"
411	John Rutherford, Roseville, Ont	180	162	.90	George	Shrop'r-Leices'r.
	Average	526	149	.28		

Premium, $50, to wether George, exhibited by John Rutherford, Roseville, Ont.

Lot 42—Cost of Production.

....	B. Waddel, Marion, O	945	265	.28	Jumbo	Cotswold
....	Stone & Loake, Stonington.	927	200	.21	Economy	Oxford
	Average	936	232	.24		

Premium, $50, to wether Jumbo, exhibited by B. Waddel, Marion, O.

SHEEP.

Lot 42—Cost of Production.

Report of Committee.

To the State Board of Agriculture:

Your Committee to whom was assigned the duty of awarding the premiums in the cost of production rings, beg leave to report entries of sheep as follows:

Wether over 2 years old, B. Waddel, Marion, O., Cotswold wether Jumbo, dropped April 10, 1883.

Stone & Loake, Stonington, Ill., Oxford wether Economy, dropped April 28, 1883.

In order that the results might be determined solely upon the quantities of the various kinds of food used, as well as the skill of the feeder, the price of each article of food named in the statements was determined upon an equitable and uniform basis to all the competitors, as follows:

Value of lamb at birth	$1 25
Value of pasture and other food consumed and interest on value of ewe to be charged to lamb up to weaning time	90
Value shelled corn per 100 pounds	71
Value corn in ear per 100 pounds	53
Value corn-fodder	10
Value of pasturage of lamb per month up to 12 months	15
Value of pasturage per month 12 to 24 months	15
Value of pasturage per month 24 to 36 months	15
Expense for care, feeding, salting and interest up to 12 months	1 00
Expense for care, feeding, salting and interest, 12 to 24 months	1 00
Expense for care feeding, salting and interest, 24 to 36 months	1 00

The great diversity of articles of food consumed by the competing animals, as well as the methods of handling stock, makes it somewhat difficult to determine upon the comparative value of some of the articles of food named, for the most rapid production of mutton the quality of which cannot be satisfactorily determined until the carcasses are displayed upon the block. The prices of grain, etc., named above, are not the present market prices, but a fair average for a term of years. It will be seen that the value of a lamb at birth, pasturage consumed and expense for care, etc., are the same with each exhibitor.

The quantities of feod consumed each year by each animal, and the value thereof as fixed by your committee, are herewith given as follows:

Economy.—Date of birth, April 28, 1883. From birth to twelve months of age. Value at birth, $1.25; value of pasture and other food consumed, and interest on value of ewe to be charged to lamb up to weaning time, 90 cents; 80 pounds shelled corn at 71 cents per 100, 57 cents; corn-fodder, 10 cents; seven months on pasture at 15 cents per month, $1.05; expense for care, etc., $1.00. Weight at twelve months of age, 110 pounds, at a cost of $4.87, or 0.443 cents per pound.

From twelve to twenty-four months of age. 80 pounds shelled corn at 71 cents per 100, 57 cents; corn-fodder, 10 cents; nine months on pasture at 15 cents per month, $1.35; expense for care, etc., $1. Weight at twenty-four months, 150 pounds, at a cost of $7.89, or 0.526 cents per pound. From twenty-four months to November 10, 1885. 56 pounds shelled corn at 71 cents per 100, 40 cents; six months on pasture at 15 cents per month, 90 cents; expense for care, etc., $1. Weight, November 10, 1885, 200 pounds, at a cost of $10.19, or 0.509 cents per pound.

Jumbo.—Date of birth, April 10, 1883. From birth to twelve months of age. Value of lamb at birth, $1.25; value of pasture and other food consumed, and interest on value of ewe to be charged to lamb up to weaning time, 90 cents; clean corn fodder for five months at 10 cents per month, 50 cents; pasturage, seven months at 15 cents per month, $1.05; expense for care, etc., $1. Weight at twelve months of age, 125 pounds, at a cost of $4.70, or 0.376 cents per pound.

From twelve to twenty-four months. Corn-fodder for five months at 10 cents per month, 50 cents; seven months on pasture at 15 cents per month, $1.05; expense for care, etc., $1. Weight at twenty-four months, 200 pounds, at a cost of $7.25 or 0.3625 cents per pound.

From twenty-four months to November 10, 1885. 90 pounds of oats at 75 cents per 100, 67 cents; 180 pounds of shelled corn at 71 cents per 100, $1.28; six months on pasture at 15 cents per month, 90 cents; expense for care, etc., $1. Weight November 10, 1885, 265 pounds, at a cost of $11.10 or 0.419 cents per pound.

The premium was awarded to B. Waddel, Marion, O., on Cotswold wether Jumbo, weight, 265 pounds; total cost of production, $11.10, or 0.419 cents per pound.

The committee would recommend that greater care be given by exhibitors in their statements as to quantity of each article of food consumed, exact time that animals were on pasture or stock fields, and details for expenses for care, etc., to enable the committee to make careful comparison of the various methods of feeding, and the effect of same upon the animals. The committee would call attention to one of the lessons to be learned in the statistics presented herewith and forming part of the report. The committee can not too strongly urge upon the feeders the importance of liberal feeding from birth of lamb, and giving more attention to the important matter of early maturity.

M. A. MORSE,
B. PULLEN,
JOHN GRIFFITH,
Committee.

Cost of Production.

Wether 1 to 12 months old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value at birth	Value pasture and other food consumed, and interest on value of ewe to be charged to lamb up to weaning time	Value grain consumed.	Value hay and forage consumed	Value pasture	Expenses for care, etc.	Total cost	Weight at 12 months	Value at 12 months, at $6.70 per 100 lbs.	Cost of production per pound
Stone & Loake, Stonington	Oxford	Economy	Apr. 28, 1883	$1 25	$0 90	$0 57	$0 10	$1 05	$1 00	$4 87	110	$7 37	$0 44
B. Waddel, Marion, O	Cotswold	Jumbo	Apr. 10, 1883	1 25	. 90	.....	50	1 05	1 00	4 70	125	8 37	38
Average				$1 25	. 90	$0 57	$0 30	$1 05	$1 00	$4 78	117	$7 87	$0 41

Wether 12 to 24 months old.

Name and Postoffice of Exhibitor	Breed.	Name of Animal.	Date of birth.	Value grain consumed.	Value hay and forage consumed	Value pasture	Expense for care, etc.	Total cost of production 12 to 24 months	Weight at 24 months	Value at 24 months, at $6.70 per 100 pounds	Cost of production per lb. on gain made from 12 to 24 months	Gain 12 to 24 months	Increase in gain first 12 months over second 12 months.
Stone & Loake, Stonington	Oxford	Economy	Apr. 28, 1883	$0 57	$0 10	$1 35	$1 00	$3 02	$1 50	$10 05	$0 07½	40	70
B. Waddel, Marion, O	Cotswold	Jumbo	Apr. 10, 1883	.....	50	1 05	1 00	2 55	2 00	13 40	0 03	75	50
Average				$0 57	$0 30	$1 20	$1 00	$2 78	$1 75	$11 72	$0 05	57	60

CLASS D—SWINE.

E. B. DAVID, *Superintendent.*

No. of stall	Name and Postoffice of Exhibitor.	Date of birth.	Age, in days, November 10, 1885	Weight November 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
272	Frank Srout, McLean, Ill	May 29, 1884	530	437	.82	Bill	Berkshire
272	" " "	Dec. 1, 1884	345	288	.83	Scott	"
272	" " "	"	345	280	.81	Jim	"
273	" " "	May 17, 1884	542	545	1.00	Jock	Poland-China
273	" " "	May 20, 1884	539	562	1.04	Bully	⅞ Poland China, ⅛ Native
274	J. A. Countryman, Rochelle, Ill	.....	.....	194	.....	Jack	Poland-China
274	Thomas Bennett, Rossville, Ill	May 3, 1884	555	615	1.11	Cleveland	Duroc Jersey Red
275	" " "	"	555	533	.96	Blaine	" "
275	" " "	May 13, 1884	545	494	.91	Mugwump	" "
277	J. A. Countryman, Rochelle, Ill	May 1, 1885	193	194	1.00	Jack	⅞ Poland-China, ⅛ Native
278	" " "	Sept. 11, 1884	425	415	.98	XL 3d	Poland-China
278	" " "	Sept. 14, 1884	422	417	.99	XL 4th	"
279	" " "	Aug. 27, 1884	440	500	1.14	XL 1st	"
279	" " "	Sept. 11, 1884	425	427	1.00	XL 2d	"
280	" " "	Sept. 16, 1884	420	410	.98	XL 5th	"
280	" " "	"	420	415	99	XL 6th	"
281	" " "	Sept. 17, 1884	419	418	1.00	Major	"
281	" " "	Sept. 21, 1884	415	396	.95	Dick	"
282	" " "	Sept. 19, 1884	417	393	.94	XL 8th	"
282	" " "	Sept. 20, 1884	416	385	.92	XL 9th	"
283	" " "	Sept. 19, 1884	417	403	.97	XL 7th	"
283	" " "	Sept. 20, 1884	416	392	.94	XL 10th	"
283	" " "	Nov. 24, 1884	351	323	.92	Lookout	"
284	" " "	Apr. 17, 1885	207	212	1.02	Packer	"
284	" " "	Apr. 20, 1885	204	198	.97	Polo	"
284	" " "	Apr. 15, 1883	209	197	.94	Jim	¾ Poland-China, ¼ Native
285	E. T. Doney, Jackson, Mich	July 1, 1884	497	400	.80	Winner	Essex
286	B. F. Waters, Rochester, Ill	June 1, 1885	162	238	1.47	Billy	⅝ Poland-China, ⅛ Berkshire, ⅛ Native
286	" " "	"	162	244	1.51	Jack	" " "
286	" " "	"	162	253	1.56	Jim	" " "
287	" " "	"	162	261	1.61	Tom	" " "
287	" " "	"	162	245	1.51	Peter	" " "
287	" " "	"	162	262	1.62	Jumbo	" " "

No. of Stall.	Name and Postoffice of Exhibitor.	Date of birth.	Age, in days, November 10, 1885.	Weight November 10, 1885.	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.
288	Frank Willson, Jackson, Mich.	May 3, 1885	191	255	1.33	Doctor	Suffolk
288	" "	"	191	256	1.34	Ned	"
289	" "	Sept. 8, 1884	428	400	93	Tom	Essex
289	" "	"	423	381	.90	Jerry	"
298	B. T. Railsback, Hopedale, Ill.	Nov. 26, 1884	349	463	1 32	Willow Wood D.	Duroc Jersey
298	" "	"	349	405	1.13	Wild Eyes D.	"
299	" "	"	349	430	1.23	Bruce D.	"
299	" "	"	349	471	1 35	Progress D.	"
300	" "	"	349	417	1.19	Tom D.	"
301	Frank Willson, Jackson, Mich.	Oct. 3, 1884	403	345	.86	Jerry 2d	Suffolk
301	" "	Oct. 12. 1884	394	380	.96	Henry	½ Suffolk, ½ Chester White
302	" "	Oct. 2, 1884	404	384	.95	Snow Flake	Suffolk
302	" "	"	401	347	.86	Snow Ball	"
303	" "	May 28, 1885	166	222	1.34	Robt. C.	¾ Suffolk, ¼ Chester White
303	" "	May 3, 1885	191	201	1.05	W. H.	Suffolk.
304	Stone & Loake, Stonington, Ill.	Apr. 20, 1885	204	264	1.29	Prince 2d.	Victoria
304	" "	June 1, 1885	162	195	1.20	Snow Ball 3d	"
305	" "	"	162	218	1.34	Snow Ball 2d	"
305	" "	"	162	228	1.41	Snow Ball 1st	"
306	" "	July 31, 1884	467	405	.87	Dick	"
307	" "	May 28, 1885	166	207	1.25	Leister	Poland-China
307	" "	"	166	214	1.29	Clement	"
308	J. A. Countryman, Rochelle, Ill	Sept. 29, 1884	407	210	.52	Prince	"
308	" "	Apr. 20, 1885	204	224	1.10	Pearl	"
309	L. C. Henley, Mattoon, Ill.	Oct. 27, 1884	379	412	1.09	Logan	½ Yorkshire, ½ Poland-China
309	" "	Oct. 25, 1884	381	475	1.25	John A	" "
310	" "	"	381	465	1.22	Blaine	" "
310	" "	"	381	474	1.24	Gillespie	" "
311	" "	"	381	460	1.12	Jim	" "
312	" "	Feb. 10, 1885	273	278	1.02	Clark	Small Yorkshire
312	" "	Mar. 28, 1885	227	219	.96	Joe	"
313	" "	"	227	282	1.24	Ed	"
313	" "	"	227	289	1.27	Sam	"
314	" "	May 25, 1885	169	202	1.19	Dan	"
318	S. H. Todd, Wakeman, Ohio	Apr. 8, 1885	216	233	1.08	Martin	½ Chester White, ½ Poland-China
319	" "	June 22, 1885	141	178	1.26	Tom	⅞ Chester White, ⅛ Native

319	S. H. Todd, Wakeman, Ohio	Mar. 20, 1885	234	244	1.04	St. John		
319	" "	June 22, 1885	141	194	1.37	Jim	⅞ Chester White, ⅛ Native	
320	" "	Mar. 20, 1885	247	340	1.38	Sam	Chester White	
321	" "	Sept. 10, 1884	426	410	.96	Ginger	½ Poland-China, ½ Chester White	
322	" "	Mar. 20, 1885	247	622	2.52	Hefty	Chester White	
322	" "	May 22, 1884	537	552	1.03	George	"	
322	" "	Aug. 31, 1884	436	444	1.02	Chub	"	
324	" "	May 28, 1884	531	515	.97	Dick	"	
324	Frank Srout, McLean, Ill	Aug. 10, 1882	1,188	662	.56	Charley	½ Chester White, ½ Poland China	
325	S. H. Todd, Wakeman, Ohio	May 22, 1884	537	554	1.03	Boss	Chester White	
326	" "	May 28, 1884	531	506	.95	Bob	"	
328	Frank Srout, McLean, Ill	May 7, 1884	542	548	1.01	Harry	Poland China	
328	" " "	May 20, 1884	539	495	.92	Dave	⅞ Poland China, ⅛ Native	
329	" " "	May 26, 1884	533	500	.94	Ed	" "	
329	" " "			491		Harry		
330	B. T. Railsback, Hopedale, Ill	May 15, 1884	544	672	1.23	King Jersey	Duroc Jersey Red	
331	" "	June 26, 1884	502	500	1.00	Blossburg B	⅞ Poland-China, ⅛ Berkshire	
331	" "	"	502	489	.97	Tom B	" "	
332	" "	"	502	498	.99	Clifford B.	" "	
332	" "	"	502	535	1.06	Dave B	" "	
333	" "	"	502	447	.89	Joe B	" "	
333	" "	"	502	551	1.10	Henry B	" "	
334	" "	Jan. 4, 1885	310	430	1.39	Beaver		
371	Frank Srout, McLean, Ill	Nov. 22, 1884	353	418	1.18	Jake	Chester White	
371	" " "	"	353	440	1.25	Tom	"	

TABLE OF MEASUREMENTS OF PRIZE WINNING ANIMALS.

No.	Name of Animal.	Age in days Nov. 10, 1885	Weight in pounds	Average gain per day since birth	Length of carcass	Heart girth	Flank girth	Girth of middle of paunch	Girth of throat-latch.	Height from Ground: Top line. Shoulder	Height from Ground: Top line. Hip	Height from Ground: Bot. line. Fore flank	Height from Ground: Bot. line. Flank	Depth from top line to lower shoulder point	Thickness through the crop	Length of back from top shoulder to loins.	Width across the loins	Length of quarter from loin to hock	Depth from loin to hock
					ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
417	Bill, Berkshire, 12 and under 18 months, 1st premium	530	437	.82	4-07	5-01½	5-01	5-04	3-05	2-02½	2-03	1-00	0-11	1-09	1-05	2-03	1-04½	1-02	2-06
148	Scott, Berkshire, under 12 months, 1st premium	345	288	.83	4-01	4-04	4-05	4-07½	3-01	2-02	2-02	0-10	1-00	1-08	1-04	2-00	1-02½	1-00	2-03
419	Jim, Berkshire, under 12 months, 2d premium	345	280	.81	4-02	4-06	4-03½	4-08	3-02½	2-02	2-04	0-09	0-11	1-08	1-05	2-04	1-03	1-02	2-05½
427	XL 6th, Poland-China, 12 and under 18 months, 1st premium	420	415	.99	4-06½	5-04	5-03	5-05	3-04½	2-05½	2-07½	0-09½	0-11½	2-00	1-07½	1-10	1-06	1-02	2-07½
428	XL 7th Poland-China, 12 and under 18 months, 2d premium	417	403	.97	4-03	5-04	5-03	5-07	3-03	2-04	2-06	0-09½	0-10½	2-02½	1-09	2-00	1-06½	1-02	2-02
429	XL 8th. Poland-China, 12 and under 18 months, 3d premium	417	393	.94	4-02	5-05	5-02	5-06	3-01	2-05	2-06½	0-09½	0-10½	2-01	1-07½	1-11	1-05	1-02½	2-07½
434	Lookout, Poland-China, under 12 months, 1st premium	351	323	.92	4-00	4-08	4-08	4-10	3-04	2-02	2-03	0-08	0-09½	2-02	1-06	1-10	1-04	1-01	2-04
436	Packer, Poland-China, under 12 months, 2d premium	207	212	1.02	3-04½	4-00	4-02	4-03	2-05	1-09	1-11	0-07½	0-09½	1-07½	1-03	1-05	1-02	1-00	1-11
433	Leister, Poland-China, under 12 months, 3d premium	166	207	1.25	3-05	4-02	4-00	4-04	2-08	1-11	1-12	0-07	0-08	1-08½	1-03	1-09½	1-03	1-00	1-11
439	Bob, Chester White, 12 and under 18 months, 1st premium	531	506	.95	4-10	5-05	5-05	5-08	3-07½	2-08½	2-10	0-10	0-11	2-02	1-07½	2-03	1-05	1-03½	2-07½
440	Dick, Chester White, 12 and under 18 months, 2d premium	531	515	.99	5-00	5-11	5-06	6-01	3-11	2-08½	2-10	0-10	0-11	2-03	1-10½	2-02½	1-05	1-02	2-10
443	Chub, Chester White, 12 and under 18 months, 3d premium	436	444	1.02	5-03½	5-06½	5-11	5-11	3-08	2-08½	2-09½	0-10	1-01	2-02	1-09	2-07	1-06	1-03	2-09
444	Tom, Chester White, under 12 months, 1st premium	353	440	1.25	4-10	5-01	5-03	5-03	3-06	2-06	2-07½	0-09	0-10	2-00	1-04½	2-04½	1-04¾	1-02	2-05½

446	Hefty, Chester White, under 12 months, 2d premium	247	622	2.52	4-08	5-04½	5-05	5-05½	3-05	2-05	2-06½	0-09½	0-11	1-10½	1-08½	2-02	1-05	1-05	2-07
445	Jake, Chester White, under 12 months, 3d premium	353	418	1.18	4-11	5-01	5-04	5-04	3-06½	2-05	2-07	0-11	0-11	1-10½	1-05	2-04	1-04	1-03½	2-05
448	Winner, Essex, 12 and under 18 months, 1st premium	497	400	.80	4-07	5-00	4-10	5-01½	3-05½	2-04½	2-04½	0-09	0-10	2-00	1-07	1-10½	1-05	1-00	2-02½
450	Jerry, Essex, 12 and under 18 months, 2d premium	428	381	.90	4-08	4-11	4-10	5-00	3-03	2-02	3-00½	0-08	0-09½	1-10	1-06	1-11	1-03	1-01½	2-05
449	Tom, Essex, 12 and under 18 months, 3d premium	428	400	.93	4-05	5-01	5-00	5-03	3-05½	2-05½	2-07½	0-09½	0-11	2-00½	1-05½	2-03	1-04	1-01	2-04
451	King Jersey, Duroc Jersey Red, 12 and under 18 months, 1st premium	544	672	1.23	5-00	6-04	6-00	6-05	4-02	2-08½	2-09½	0-09½	0-10½	2-05	2-02	2-04	1-11	1-05	3-03
455	Tom D, Duroc Jersey Red, under 12 months, 2d premium	349	417	1.19	4-08½	5-07	5-05	5-07	3-03	2-07½	2-09	0-11	0-12	2-04	1-08	2-03	1-07	1-02	2-09
456	Progress D, Duroc Jersey Red, under 12 months, 3d premium	349	471	1.35	4-10	5-01	5-02½	5-05	3-05	2-05	2-06½	0-10	0-11	2-00	1-06½	2-01	1-06½	1-05	2-07
459	Snowball, Suffolk, 12 and under 18 months, 2d premium	404	347	.86	4-05	4-08	4-11	5-00	3-05	2-03½	2-04½	0-09½	0-10½	1-11½	1-06	2-02	1-04½	1-02	2-05
458	Snowflake, Suffolk, 12 and under 18 months, 4d premium	404	384	.95	4-06	4-10	5-00	5-02	3-05	2-07	2-07	0-08	0-09	2-03	1-05	2-02	1-03	1-00	2-03
464	Clarke, Yorkshire, under 12 months, 1st premium	273	278	1.02	3-08	4-08	4-07	4-10	3-04½	2-00	2-01	0-08	0-09	1-10	1-03½	1-06	1-05	0-10	2-00
462	Dan, Yorkshire, under 12 months, 3d premium	169	202	1.19	3-04	4-00	4-01½	4-04	2-07½	2-00	2-00	0-07	0-09	1-07	1-03	1-06	1-02½	0-10½	2-00
468	Dick, Victoria, 12 and under 18 months, 1st premium	467	405	.87	4-04	5-06	5-06	5-07	3-04	2-05	2-06½	0-08	0-10	2-00	1-08	2-05½	1-05	1-01	2-06
470	Snowball, 2d, Victoria, under 12 months, 2d premium	162	218	1.34	3-05½	3-09	3-07	4-02	2-09	1-11	1-11	0-07	0-09	1-07	1-03	1-07½	1-02	0-10	1-09
471	Snowball 3d, Victoria, under 12 months, 3d premium	162	195	1.20	3-07	4-02	4-02	4-08	2-10½	2-00	2-01	0-07½	0-09	1-08	1-02	1-08	1-01	1-00	1-10
475	Bully, Grade Poland China, 12 and under 18 months, 1st premium	539	562	1.04	4-09½	5-10	5-11	6-00	3-10	2-05	2-07	0-11	0-12	2-03	1-10½	2-04	1-07	1-01	2-07
476	Jim, Yorkshire Poland China, 12 and under 18 months, 3d premium	381	460	1.21	5-01	5-03	5-03	5-05	3-04	2-06½	2-08½	0-09½	0-10½	2-01	1-09½	2-00	1-07½	1-03½	2-04
496	Beaver, under 1 year, 1st premium	310	430	1.39	4-06	5-01	5-05	5-04	3-09	2-05	2-07	0-10	0-12	2-02	1-08	2-00	1-06	1-04	2-07

CLASS D—SWINE.

Lot 43—Berkshire.

Barrow 12 and under 18 months.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.
417	Frank Srout, McLean	530	437	.82	Bill

First premium, $20, to barrow Bill, exhibited by Frank Srout, McLean.

Barrow under 1 year.

418	Frank Srout, McLean	345	283	.83	Scott
419	" "	345	280	.81	Jim
	Average	345	284	.82	

First premium, $20, to barrow Scott, exhibited by Frank Srout, McLean.
Second premium, $15, to barrow Jim, exhibited by Frank Srout, McLean.

Lot 44—Poland China.

Barrow 12 and under 18 months.

420	Frank Srout, McLean	542	548	1.01	Harry
421	" "	542	545	1.00	Jock
422	J. A. Countryman, Rochelle	440	500	1.14	X L 1st
423	" "	425	427	1.00	X L 2d
424	" "	425	415	.98	X L 3d
425	" "	422	417	.99	X L 4th
426	" "	420	410	.98	X L 5th
427	" "	420	415	.99	X L 6th
428	" "	417	403	.97	X L 7th
429	" "	417	393	.94	X L 8th
430	" "	416	385	.92	X L 9th
431	" "	416	392	.94	X L 10th
	Average	442	437	.99	

First premium, $20, to barrow X L 6th, exhibited by J. A. Countryman, Rochelle.
Second premium, $15, to barrow X L 7th, exhibited by J. A. Countryman, Rochelle.
Third premium, $10, to barrow X L 8th, exhibited by J. A. Countryman, Rochelle.

Barrow under 1 year.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
432	Stone & Loake, Stonington	166	214	1.29	Clements
433	" "	166	207	1.25	Leister
434	J. A. Countryman, Rochelle	351	323	.92	Lookout
435	" "	407	210	.52	Prince
436	" "	207	212	1.02	Packer
437	" "	204	224	1.10	Pearl
438	" "	204	198	.97	Polo
	Average	243	227	.93	

First premium, $20, to barrow Lookout, exhibited by J. A. Countryman, Rochelle.
Second premium, $15, to barrow Packer, exhibited by J. A. Countryman, Rochelle.
Third premium, $10, to barrow Leister, exihibted by Stone & Loake, Stonington.

Lot 45—Chester White.

Barrow 12 and under 18 months.

439	S. H. Todd, Wakeman, O	531	506	.95	Bob
440	" "	531	515	.99	Dick
441	" "	537	554	1.03	Boss
442	" "	537	552	1.03	George
443	" "	436	444	1.02	Chub
	Average	514	514	1.00	

First premium, $20, to barrow Bob, exhibited by S. H. Todd, Wakeman, O.
Second premium, $15, to barrow Dick, exhibited by S. H. Todd, Wakeman, O.
Third premium, $10, to barrow Chub, exhibited by S. H. Todd, Wakeman, O.

Barrow under 1 year.

444	Frank Srout, McLean	353	440	1.25	Tom
445	" "	353	418	1.18	Jake
446	S. H. Todd, Wakeman, O	247	622	2.52	Hefty
447	" "	247	340	1.38	Sam
	Average	300	455	1.52	

First premium, $20, to barrow Tom, exhibited by Frank Srout, McLean,
Second premium, $15, to barrow Hefty, exhibited by S. H. Todd, Wakeman, O.
Third premium, $10, to barrow Jake, exhibited by Frank Srout, McLean.

Lot 46—Essex.

Barrow 12 and under 18 months.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
448	E. T. Doney, Jackson, Mich.	497	400	.80	Winner
449	Frank Willson, Jackson, Mich.	428	400	.93	Tom
450	" "	428	381	.90	Jerry
	Average	451	394	.87	

First premium, $20, to barrow Winner, exhibited by E. T. Doney, Jackson, Mich.
Second premium, $15, to barrow Jerry, exhibited by Frank Willson, Jackson, Mich.
Third premium, $10, to barrow Tom, exhibited by Frank Willson, Jackson, Mich.

Lot 47—Duroc Jersey Red.

Barrow 12 and under 18 months.

451	B. T. Railsback, Hopedale	544	672	1.23	King Jersey
452	Thos. Bennett, Rossville	555	615	1.11	Cleveland
453	" "	555	533	.96	Blaine
454	" "	545	494	.91	Mugwump
	Average	550	578	1.05	

First premium, $20, to barrow King Jersey, exhibited by B. T. Railsback, Hopedale.
Second premium, $15, to barrow Mugwump, exhibited Thos. Bennett, Rossville.
Third premium, $10, to barrow Cleveland, exhibited by Thos. Bennett, Rossville.

Barrow under 1 year.

455	B. T. Railsback, Hopedale	349	417	1.19	Tom D
456	" "	349	471	1.35	Progress D
457	" "	349	430	1.23	Bruce D
	Average	349	439	1.26	

First premium, $20, to barrow Bruce D., exhibited by B. T. Railsback, Hopedale.
Second premium, $15, to barrow Tom D., exhibited by B. T. Railsback, Hopedale.
Third premium, $10, to barrow Progress D., exhibited by B. T. Railsback, Hopedale.

Lot 48—Yorkshire and Suffolk.

Barrow 12 and under 18 months.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
458	Frank Willson, Jackson, Mich	404	384	.95	Snowflake	Suffolk
459	Frank Willson, Jackson, Mich	404	347	.86	Snowball	"
460	Frank Willson, Jackson, Mich	403	345	.86	Jerry 2d	"
	Average	404	359	.89		

First premium, $20, to barrow Jerry 2d, exhibited by Frank Willson, Jackson, Mich.
Second premium, $15, to barrow Snowball, exhibited by Frank Willson, Jackson, Mich.
Third premium, $10, to barrow Snowflake, exhibited by Frank Willson, Jackson, Mich

Barrow under 1 year.

461	L. C. Henley, Mattoon	227	289	1.27	Sam	Small Yorkshire.
462	" "	169	202	1.19	Dan	"
463	" "	227	282	1.24	Ed	"
464	" "	273	278	1.02	Clark	"
465	Frank Willson. Jackson, Mich.	191	256	1.34	Ned	Suffolk
466	Frank Willson, Jackson, Mich.	191	255	1.33	Doctor	"
467	Frank Willson, Jackson, Mich.	191	201	1.05	W. H	"
	Average	210	252	1.20		

First premium, $20, to barrow Clark, exhibited by L. C. Henley, Mattoon.
Second premium, $15, to barrow Neb, exhibited by Frank Willson, Jackson, Mich.
Third premium, $10, to barrow Dan, exhibited by L. C. Henley, Mattoon.

Lot 49—Victoria.

Barrow 12 and under 18 months.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds since birth	Name of Animal.
468	Stone & Loake. Stonington	467	405	.87	Dick

First premium, $20, to barrow Dick, exhibited by Stone & Loake, Stonington.

Barrow under 1 year.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per days in pounds, since birth	Name of Animal.
469	Stone & Loake, Stonington	162	228	1.41	Snowball 1st
470	" "	162	218	1.34	Snowball 2d
471	" "	162	195	1.20	Snowball 3d
472	" "	204	264	1.29	Prince 2d
	Average	172	226	1.31	

First premium, $20, to barrow Snowball 1st, exhibited by Stone & Loake, Stonington.
Second premium, $15, to barrow Snowball 2d, exhibited by Stone & Loake, Stonington.
Third premium, $10, to barrow Snowball 3d, exhibited by Stone & Loake, Stonington.

Lot 50—Grades and Crosses.

Barrow 12 and under 18 months.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
473	Frank Srout, McLean	533	500	.94	Ed	Gr.Poland-China
474	" "	539	495	.92	Dave	"
475	" "	539	562	1.04	Bully	"
476	L. C. Henley, Mattoon	381	460	1.21	Jim	York. Pol.-China
477	" "	381	474	1.24	Gillespie	"
478	" "	381	465	1.22	Blaine	"
479	S. H. Todd, Wakeman, O.	426	410	96	Ginger	P.-Ch.-Ch's'r-Wh
480	B. T. Railsback, Hopedale	502	551	1.10	Henry B	Gr.Poland-China
481	" "	502	447	89	Joe B	"
482	" "	502	535	1.06	Dave B	"
483	Frank Willson, Jackson, Mich	394	380	.96	Henry	Suf.-Ches.-White
	Average	462	480	1.04		

First premium, $20, to barrow Bully, exhibited by Frank Srout, McLean.
Second premium, $15, to barrow Dave, exhibited by Frank Srout, McLean.
Third premium, $10, to barrow Jim, exhibited by L. C. Henly, Mattoon.

Barrow under 1 year.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day in pounds, since birth	Name of Animal.	Breed.
484	J. A. Countryman, Rochelle	209	197	.94	Jim	Gr. Poland-China
485	S. H. Todd, Wakeman, O	141	194	1.37	Jim	Gr. Chest'r-White
486	" "	141	178	1.26	Tom	"
487	" "	216	233	1.08	Martin	Ch.-Wh.-Pol.-Ch
488	B. F. Waters, Rochester	162	262	1.62	Jumbo	Gr. Poland-China
489	" "	162	245	1.51	Peter	"
490	" "	162	261	1.61	Tom	"
491	" "	162	253	1.56	Jim	"
492	" "	162	244	1.51	Jack	"
493	" "	162	238	1.47	Billy	"
494	Frank Willson, Jackson, Mich.	166	222	1.34	Robt. C.	Grade Suffolk
485	J. A. Countryman, Rochelle	193	194	1.00	Jack	Gr. Poland-China
496	B. T. Railsback, Hopedale	310	430	1.39	Beaver	
	Average	181	242	1.34		

First premium, $20, to barrow Beaver, exhibited by B. T. Railsback, Hopedale.
Second premium, $15, to barrow Peter, exhibited by B. F. Waters, Rochester.
Third premium, $10, to barrow Jumbo, exhibited by B. F. Waters, Rochester.

Lot. 51—All Breeds and Grades by Ages.

Barrow 12 and under 18 months.

417	Frank Srout, McLean	530	437	.82	Bill	Berkshire
427	J. A. Countryman, Rochelle	420	415	.99	X L 6th	Poland-China
439	S. H. Todd, Wakeman, O	551	506	.95	Bob	Chester White
448	E. T. Doney, Jackson, Mich.	497	400	.80	Winner	Essex
451	B. T. Railsback, Hopedale	544	672	1.23	King Jersey	Duroc Jersey
460	Frank Willson, Jackson, Mich	403	345	.86	Jerry 2d	Suffolk
468	Stone & Loake, Stonington.	467	405	.87	Dick	Victoria
475	Frank Srout, McLean	539	562	.87	Bully	Gr. Pola'd-China
	Average	491	468	.95		

Premium, $26, to barrow Dick, exhibited by Stone & Loake, Stonington.

Barrow under 1 year.

418	Frank Srout, McLean	345	288	.83	Scott	Berkshire
434	J. A. Countryman, Rochelle.	351	323	.92	Lookout	Poland-China
444	Frank Srout, McLean	353	440	1.25	Tom	Chester White
457	B. T. Railsback, Hopedale	349	430	1.23	Bruce D	Duroc Jersey
464	L.C. Henley, Mattoon	273	278	1.02	Clark	Yorkshire
469	Stone & Loake, Stonington.	162	228	1.41	Snowball 1st	Victoria
496	B. T. Railsback, Hopedale	310	430	1.39	Beaver	
	Average	306	345	1.13		

Premium, $25, to barrow Lookout, exhibited by J. A. Countryman, Rochelle.

Lot 52—Sweepstakes.

Best barrow in Lot 43—Berkshire.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.
417	Frank Srout, McLean	530	437	.82	Bill
418	" "	345	288	.83	Scott

Premium, $25, to barrow Bill, exhibited by Frank Srout, McLean.

Best Barrow in Lot 44—Poland-China.

427	J. A. Countryman, Rochelle	420	415	.99	X L 6th
434	" "	351	323	.92	Lookout

Premium, $25, to barrow Lookout, exhibited by J. A. Countryman, Rochelle.

Best Barrow in Lot 45 - Chester White.

439	S. H. Todd, Wakeman, O	531	506	.95	Bob
444	Frank Srout, McLean	141	178	1.35	Tom

Premium, $25, to barrow Tom, exhibited by Frank Srout, McLean.

Best Barrow in Lot 46—Essex.

448	E. T. Doney, Jackson, Mich	497	400	.80	Winner

Premium, $25, to barrow Winner, exhibited by E. T. Doney, Jackson, Mich.

Best Barrow in Lot 47—Duroc Jersey Red.

451	B. T. Railsback, Hopedale	544	672	1.23	King Jersey
457	" "	349	430	1.23	Bruce D

Premium, $25, to barrow King Jersey, exhibited by B. T. Railsback, Hopedale.

Best Barrow in Lot 48—Yorkshire and Suffolk.

No.	Exhibitor.	Age, in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
460	Frank Willson, Jackson, Mich	403	345	.86	Jerry 2d	Suffolk
464	L. C. Henley, Mattoon	273	278	1.01	Clark	Yorkshire

Premium, $25, to barrow Jerry 2d exhibited by Frank Willson, Jackson, Mich.

Best Barrow in Lot 49—Victoria.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per day in lbs. since birth	Name of Animal.
468	Stone & Loake, Stonington	467	405	.87	Dick
469	" "	162	228	1.41	Snowball 1st

Premium $25, to barrow Dick, exhibited by Stone & Loake, Stonington.

Best Barrow in Lot 50—Grades or Crosses.

475	Frank Srout, McLean	539	562	1.04	Bully	Gr. Poland China
496	B. T. Railsback, Hopedale	310	430	1.39	Beaver	

Premium, $25, to barrow Beaver, exhibited by B. T. Railsback, Hopedale.

Lot 53—Grand Sweepstakes.

Best Barrow in the Show.

497	J. A. Countryman, Rochelle.	419	418	1.00	Major	Poland China
498	" "	415	396	.95	Dick	"
417	Frank Srout, McLean	530	437	.82	Bill	Berkshire
434	J. A. Countryman, Rochelle.	351	323	.92	Lookout	Poland China
444	Frank Srout, McLean	353	440	1.25	Tom	Chester White
448	E. T. Doney, Jackson, Mich.	497	400	.80	Winner	Essex
451	B. T. Railsback, Hopedale	544	672	1.23	King Jersey	Duroc Jersey
460	F. Willson, Jackson, Mich	403	345	86	Jerry 2d	Suffolk
468	Stone & Loake, Stonington.	467	405	87	Dick	Victoria
496	B. T. Railsback, Hopedale	310	430	1.39	Beaver	

Premium, $50, to barrow Dick, exhibited by Stone & Loake, Stonington.

Lot 54—Heaviest Fat Hog.

Heaviest Barrow of any age.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
499	Frank Srout, McLean	1,188	662	.56	Charley	C. White-P. China
439	S. H. Todd, Wakeman, O	531	506	.95	Bob	Chester White
452	Thos. Bennett, Rossville	555	615	1.11	Cleveland	Duroc Jersey
451	B. T. Railsback, Hopedale	544	672	1.23	King Jersey	"

Premium, $25, to barrow King Jersey, exhibited by B. T. Railsback, Hopedale.

Lot 55—Pen Barrows.

Five Fat Barrows, 12 and under 18 months.

Pen No. 1.

420	Frank Srout, McLean	542	548	1.01	Harry	Poland China
474	" "	539	495	.92	Dave	Gr. Poland China
473	" "	533	500	.94	Ed	"
421	" "	542	545	1.00	Jock	Poland China
475	" "	539	562	1.04	Bully	Gr. Poland China
	Average	539	530	.98		

Pen No. 2.

476	L. C. Henley, Mattoon	381	460	1.21	Jim	Yorks'e-P. China
477	" "	381	474	1.24	Gillespie	"
478	" "	381	465	1.22	Blaine	"
500	" "	381	475	1.25	John A	"
501	" "	379	412	1.09	Logan	"
	Average	381	457	1.20		

Pen No. 3.

479	S. H. Todd, Wakeman, O	426	410	.96	Ginger	P. China-C. White
441	" "	537	554	1.03	Boss	Chester White
442	" "	537	552	1.03	George	"
443	" "	436	444	1.02	Chub	"
440	" "	531	515	.97	Dick	"
	Average	493	495	1.00		

Pen No. 4.

502	B. T. Railsback, Hopedale	502	500	1.00	Blossburg B	Gr. Poland China
503	" "	502	489	.97	Tom B	"
504	" "	502	498	.99	Clifford B	"
482	" "	502	535	1.06	Dave B	"
481	" "	502	447	.89	Joe B	"
	Average	502	494	.98		

PEN NO. 5.

No.	Exhibitor.	Age in days Nov. 10, 1885	Weight November 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
422	J. A. Countryman, Rochelle	440	500	1.14	XL 1st	Poland China
423	" "	425	427	1.00	XL 2d	"
424	" "	425	415	.98	XL 3d	"
425	" "	422	417	.99	XL 4th	"
426	" "	420	410	.98	XL 5th	"
	Average	426	434	1.02		

PEN NO. 6.

427	J. A. Countryman, Rochelle	420	415	.99	XL 6th	Poland China
428	" "	417	403	.97	XL 7th	"
429	" "	417	393	.94	XL 8th	"
430	" "	416	385	.92	XL 9th	"
431	" "	416	392	.94	XL 10th	"
	Average	417	398	.95		

Premium, $75, to Pen No. 4, exhibited by S. H. Todd, Wakeman, O.

Five Fat Barrows under 1 year.

PEN NO. 1.

461	L. C. Henley, Mattoon	227	289	1.27	Sam	Yorkshire
462	" "	169	202	1.19	Dan	"
463	" "	227	282	1.24	Ed	"
464	" "	272	278	1.02	Clark	"
505	" "	227	219	.96	Joe	"
	Average	224	254	1.13		

PEN NO. 2.

486	S. H. Todd, Wakeman, O.	141	178	1.25	Tom	Gr. Chester White
506	" "	234	244	1.04	St. John	"
485	" "	141	194	1.37	Jim	"
447	" "	247	340	1.38	Sam	Chester White
487	" "	216	233	1.08	Martin	C. White-P. China
	Average	196	238	1.21		

PEN NO. 3.

436	J. A. Countryman, Rochelle	207	212	1.02	Packer	Poland China
438	" "	204	198	.97	Polo	"
437	" "	204	224	1.10	Pearl	"
435	" "	275	210	.76	Prince	"
484	" "	209	197	.94	Jim	Gr. Poland China
	Average	220	208	.94		

PEN NO. 4.

No.	Exhibitor.	Age in days, Nov. 10, 1885	Weight, Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
488	B. F. Waters, Rochester	162	262	1.62	Jumbo	Gr. Poland China
489	" "	162	245	1.51	Peter	"
490	" "	162	261	1.61	Tom	"
491	" "	162	253	1.56	Jim	"
492	" "	162	244	1.51	Jack	"
	Average	162	253	1.56		

PEN NO. 5.

507	B. T. Railsback, Hopedale	349	463	1.33	Willow Wood D	Duroc Jersey
508	" "	349	405	1.16	Wild Eyes, D	"
457	" "	349	430	1.23	Bruce D	"
456	" "	349	471	1.35	Progress D	"
455	" "	349	417	1.19	Tom D	"
	Average	349	437	1.25		

PEN NO. 6.

467	Stone & Loake, Stonington.	162	228	1.41	Snowball 1st	Victoria
470	" "	162	218	1.34	Snowball 2d	"
471	" "	162	195	1.20	Snowball 3d	"
433	" "	166	207	1.25	Leister	Poland China
432	" "	166	214	1.29	Clements	"
	Average	164	212	1.29		

Premium, $75, to Pen No. 1, exhibited by L. C. Henley, Mattoon.

LOT 56—DRESSED CARCASS.

Carcass of Barrow 12 and under 18 months.

475	Frank Srout, McLean	539	562	1.04	Bully	Gr. Poland China
476	L. C. Henley, Mattoon	381	460	1.21	Jim	Yorks'e-P. China
468	Stone & Loake, Stonington.	467	405	.87	Dick	Victoria
479	S. H. Todd, Wakeman, O	426	410	.96	Ginger	P.China-C. White
448	E. T. Doney, Jackson, Mich.	497	400	.80	Winner	Essex
451	B. T. Railsback, Hopedale	544	672	1.23	King Jersey	Duroc Jersey
498	J. A. Countryman, Rochelle	415	396	.95	Dick	Poland-China
497	" "	419	418	1.00	Major	"
417	Frank Srout, McLean	530	437	.82	Bill	Berkshire
460	F. Willson, Jackson, Mich.	403	354	.86	Jerry 2d	Suffolk
	Average	462	450	.97		

Premium, $25, to barrow Jim, exhibited by L. C. Henley, Mattoon.

Carcass of Barrow under 1 year old.

No.	Exhibitor.	Age in days, Nov 10, 1885	Weight Nov. 10, 1885	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
461	L. C. Henley, Mattoon	227	289	1.27	Sam	Yorkshire
464	" "	273	278	1.02	Clark	"
469	Stone & Loake, Stonington.	162	228	1.41	Snowball 1st	Victoria
447	S. H. Todd, Wakeman, O	247	340	1.38	Sam	Chester White
496	B. T. Railstack, Hopedale	310	430	1.39	Beaver	
436	J. A. Countryman, Rochelle.	207	212	1.02	Packer	Poland-China
434	" "	351	323	.92	Lookout	"
444	Frank Srout, McLean	353	440	1.25	Tom	Chester White
466	Frank Willson, Jackson, Mich	191	255	1.33	Doctor	Suffolk,
	Average	258	310	1.20		

Premium, $25, to barrow Sam, exhibited by L. C. Henley, Mattoon.

Lot 57—Gain per Day.

Barrow showing Greatest Average Gain per Day, including Weight at Birth.

462	L. C. Henley, Mattoon	169	202	1.19	Dan	Yorkshire
461	" "	227	289	1.27	Sam	"
476	" "	381	460	1.21	Jim	Yorksh'e-Poland
469	Stone & Loake, Stonington.	162	228	1.41	Snowball 1st	Victoria
470	" "	162	218	1.34	Snowball 2d	"
471	" "	162	195	1.20	Snowball 3d	"
433	" "	166	207	1.25	Leister	Poland-China
432	" "	166	214	1.29	Clement	"
472	" "	204	264	1.29	Prince 2d	Victoria
485	S. H. Todd, Lakeman, O	141	194	1.37	Jim	Gr. Chest'r White
447	" "	247	340	1.38	Sam	Chester White
496	B. T. Railsback, Hopedale	310	430	1.39	Beaver	
494	Frank Willson, Jackson, Mich	166	222	1.34	Robt. C	Gr. Suffolk
488	B. F. Waters, Rochester	162	262	1.62	Jumbo	Gr. Pol'n'd-China
	Average	202	266	1.32		

Premium, $25, to barrow Jumbo, exhibited by B. F. Waters, Rochester.

Lot 56—Dressed Carcass.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age, 12 and under 18 months.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age, in days	Live weight at slaughter	Weight dressed carcass and head	Per cent. carcass and head to gross weight.	Weight lungs and heart	Weight liver and melt	Weight paunch	Weight guts	Weight blood	Weight hair, wet	Shrinkage	Per cent. offal, including shrinkage, to gross or live weight.
Frank Srout, McLean	Bully	Gr. Poland China	539	551	487	.88	11½	.....	.....	26½	11	7	8	.12
L. C. Henley, Mattoon	Jim	Yorks'e-P. China	381	459	398	.87	8½	.....	.....	25½	11	6½	13½	.13
Stone & Loake, Stonington	Dick	Victoria	467	401	351	.87	8½	.....	.....	22	7	5	7½	.13
S. H. Todd, Wakeman, O	Ginger	P. China C. White	426	377	323	.86	7½	.....	.....	26½	6	4	10	.14
E. T. Doney, Jackson, Mich	Winner	Essex	497	388	332	.85	9	.....	.....	27½	9	5	5½	.15
B. T. Railsback, Hopedale	King Jersey	Duroc Jersey	544	674	596½	.88	14	.....	.....	35	11½	7	10	.12
J. A. Countryman, Rochelle	Dick	Poland China	415	387	343	.89	7	.....	.....	16½	7½	5½	7½	.11
" "	Major	" "	419	414	363	.88	8	.....	.....	22	7	5½	8½	.12
Frank Srout, McLean	Bill	Berkshire	530	426	359	.84	9	.....	.....	23	10	4½	10½	.16
Frank Willson, Jackson, Mich	Jerry 2d	Suffolk	.....	331	278	.84	9	.....	.....	25½	9	3½	6	.16
Average	.....	.....	.....	441	383	.87	9¼	.....	.....	26	8½	5¼	9	.13

Age under 1 year.

L. C. Henley, Mattoon	Sam	Yorkshire	227	291	252	.87	7	.....	.....	18	6½	4	3½	.13
" "	Clark	"	273	279	240	.86	6	.....	.....	18½	4	4	6½	.14
Stone & Loake, Stonington	Snowball 1st	Victoria	162	215	180	.84	6½	.....	.....	18½	6	3½	½	.16
S. H. Todd, Wakemen, O	Sam	Chester White	247	180	145	.80	5½	.....	.....	19	5	3½	2	.20
B. T. Railsback, Hopedale	Beaver		310	425	371	.87	8½	.....	.....	21½	9	5	10	.13
J. A. Countryman, Rochelle	Packer	Poland China	207	206	170	.83	6	.....	.....	18	7½	4	½	.17
" "	Lookout	"	351	315	272	.86	6½	.....	.....	18	8	5½	5	.14
Frank Srout, McLean	Tom	Chester White	353	418	363	.87	8	.....	.....	34½	9	6	7½	.13
Frank Willson, Jackson, Mich	Doctor	Suffolk	191	245	197	.80	7½	.....	.....	20	6½	6	8	.19
Average			258	286	243	.85	6¾	.....	.....	19½	6¾	4½	5½	.15

SWINE.

Lot 58—Cost of Production.

Report of Committee.

To the State Board of Agriculture:

Your committee to whom was assigned the duty of awarding the premiums in the cost of production rings, beg leave to report that there was but one entry in this ring for Swine, which was as follows:

Barrow 12 and under 18 months, Stone & Loake, Stonington, Ill., Victoria barrow Dick, farrowed July 31, 1884.

The results were obtained upon the qualities of the various kinds of foods used, together with the skill of the feeder, the price of each article of food named in the statement being determined by taking a fair average price of the articles for a term of years.

Value of pig at birth	$0 15
Value shelled corn per 100 pounds	71
Value corn in ear per 100 pounds	53
Value shipstuff per 100 pounds	70
Value of pasturage up to 12 months	2 00
Value of pasturage 12 to 18 months	2 00
Expense for care, feeding, salting, and interest up to 12 months	1 00
Expense for care, feeding, salting, and interest 12 to 18 months	1 00

The quantities of food consumed each year, and value thereof as fixed by your committee, are herewith given as follows:

Dick.—Date of birth, July 31, 1884. From birth to 12 months of age. Value at birth, 15 cts.: 600 pounds corn in the ear at 53 cts. per hundred pounds, $3.18; pasturage, $2; expense for care, feeding, etc., $1; weight at 12 months of age, 280 pounds, at a cost of $6.33, or 2.260 cts. per pound. From 12 months of age to November 10, 1885. 600 pounds corn in the ear at 53 cts. per 100 pounds, $3.18; 200 pounds shipstuff at 70 cts. per 100 pounds, $1.40; pasturage, $2; expense for care, feeding, etc., $1; weight, November 10, 1885, 405 pounds, at a cost of $13,91, or 3.434 cts. per pound.

The premium was awarded to Stone & Loake, Stonington, on Victoria barrow Dick; weight, 405 pounds; total cost of production, $13.91, or 3.434 cts. per pound.

M. A. MORSE,
B. PULLEN.
JOHN GRIFFITH,
Committee,

Cost of Production.

Barrow 1 to 12 months old.

Name and Postoffice of Exhibitor.	Breed.	Name of Animal.	Date of birth.	Value at birth.....	Value grain consumed	Value hay and forage consumed	Value pasture.....	Expense for care, etc.....	Total cost.....	Weight at 12 months	Value at 12 mos. at $3.90 per 100 lbs....	Cost of production per pound.....
Stone & Loake, Stonington.....	Victoria.....	Dick	July 31, 1884	$0 15	$3 18	.....	$2 00	$1 00	$6 33	$2 80	$10 92	$0 23

CLASS N—DAIRY.

E. E. CHESTER, *Superintendent.*

DAIRY BUTTER MADE IN ILLINOIS—20 POUND PACKAGES.

Butter made after July 1, 1885.

Exhibitor.	Postoffice.	Flavor....	Grain....	Color....	Salting...	Style of packing.	Total....
		40	30	15	10	5	100
J. B. Petty	Mt. Carroll	33	20	12	8	2	75
A. H. Allen	Belvidere	35	20	12	8	4	79
W. F. Allen	"	28	18	12	8	3	69
T. Bacon	Wauconda	36	25	13	8	3	85
W. R. Hostetter	Mt. Carroll	35	20	11	8	3	77
D. M. Adams	Argenta	28	26	11	8	2	75
"	"	28	22	11	8	3	72
Byron Colby	Libertyville	35	25	12	7	5	84
E. A. Berry	Adeline	30	23	13	8	3	77
Wm. T. Kirk	Kirkland	35	20	11	7	4	77
"	"	36	22	12	8	4	82
D. C. Woolverton	Belvidere	30	20	12	8	3	73
J. Colvin	Kingston	36	25	12	8	3	84
Average		33	26	12	8	3	82

Whole milk—Made before July 1, 1885.

Gurler Bros	DeKalb	27	27	12	8	3	77

CREAMERY BUTTER—50 POUND PACKAGES.

Whole milk—Made after July 1, 1885.

Gurler Bros	DeKalb	34	28	12	8	3	85
O. S. Dunn	Burlington	38	28	12	8	3	89
D. C. Woolverton	Belvidere	38	27	14	8	3	90
Average		37	28	13	8	3	89

Gathered cream—Made before July 1, 1885.

Gurler Bros	DeKalb	27	27	12	8	3	77
Fitzsimmons & Evanson	West McHenry	27	28	12	8	3	78
J. B. Petty	Mt Carroll	26	27	12	8	3	76
Average		27	27	12	8	3	77

Gathered Cream—Made after July 1, 1885.

Exhibitor.	Postoffice.	Flavor....	Grain....	Color....	Salting..	Style of packing.	Total.....
		40	30	15	10	5	100
Ed. Buchanan	Johnsburg	30	27	10	8	3	78
Jas. Campbell	Lake Zurich	37	28	14	8	3	90
Fitzsimmons & Evanson	West McHenry	35	28	12	8	3	86
A. J. Negus	Marengo	38	29	14	9	3	93
Fox River Butter Co	Oswego	36	28	14	8	3	89
E. A. Berry	Adeline	32	28	12	8	3	83
J. Groolin	Kirkland	38	28	14	8	3	91
Doolittle & Barnes	Onarga	38	29	14	9	3	93
Homer Wattles	West McHenry	35	27	10	8	3	83
Aurora Creamery Co	Aurora	36	28	14	8	3	89
W. A. Boies	Marengo	37	28	14	8	3	90
"	"	38	29	14	8	3	92
"	"	34	28	12	8	3	85
"	"	34	28	12	8	3	85
C. E. Feakins	Kirkland	37	27	14	8	3	89
J. S. Overton & Son	Solon	38	29	14	8	3	92
C. F. Tenny	Bement	37	28	13	8	3	89
Charles Creamery Co	Chicago	31	27	12	7	3	80
Horton Gillis	Big Foot Prairie	34	28	14	8	3	87
Milo Munger	Hanan	35	28	13	8	3	87
J. Colvin	Kingston	38	28	14	9	3	92
Average		36	28	13	8	3	88

Butter Made in Indiana.

Dairy Butter made after July 1, 1885.

H. C. Beckman	Brunswick	28	20	12	7	2	69
" "	"	30	20	12	8	2	72
E. L Furness & Sons	Furnessville	25	20	10	7	3	65
Average		28	20	11	7	2	68

Creamery Butter—Gathered Cream—Made after July 1, 1885.

McCray & Kessler	Kendallville	30	25	10	8	3	76
John T. Clark	Clinton	37	29	14	8	3	91

Minnesota Butter.

Dairy Butter made after July 1, 1885.

A. P. Foster	Plainview	30	27	12	8	2	79
Frank D. Holmes	Owatonna	30	25	13	10	5	83
Emily A. Pride	Janesville	30	25	11	8	3	77
Average	Average	30	26	12	9	3	80

Wisconsin Butter.

Dairy Butter made after July 1, 1885.

Exhibitor.	Postoffice.	Flavor	Grain	Color	Salting ..	Style of packing.	Total ....
		40	30	15	10	5	100
John Hodgson, Jr	Pewaukee	30	26	12	9	3	80
W. N. McConnell	Dartford	35	28	13	8	2	86
Mrs. H. V. D. Hellen	Ft. Atkinson	30	20	11	8	2	71
" "	"	30	20	11	8	2	71
" "	"	30	20	11	8	2	71
D. Le Baron	Ripon	28	20	12	8	2	70
M. H. Church	Walworth	30	25	12	8	3	78
S. E. Gernon	Waukesha	33	23	13	9	2	80
H. W. Kellogg	Ripon	28	25	12	8	2	75
Mrs. H. Bartlett	Beloit	28	28	11	7	3	77
Average		30	23	12	8	2	75

Creamery Butter—Gathered Cream—Made after July 1, 1885.

Geo. H. White	Ft. Atkinson	28	26	12	8	2	76

Nebraska Butter.

Creamery Butter—Gathered Cream—Made after July 1, 1885.

Table Rock Creamery Ass'n	Table Rock	30	27	9	8	3	77

Butter Made in Iowa.

Dairy Butter made after July 1, 1885.

Thos. B. Wales, Jr	Iowa City	28	18	10	8	2	66
Watson Childs	Manchester	35	28	14	8	3	88
Mrs. P. G. Henderson	Central City	36	26	13	9	5	89
Average		33	24	12	8	3	80

Creamery Butter (Gathered Cream) made before July 1, 1885.

Summerfield Creamery Co	Postville	25	28	12	8	3	76

Creamery Butter (Whole Milk) made after July 1, 1885.

P. G. Henderson	Central City	27	27	12	8	3	77

Creamery Butter (Gathered Cream) made after July 1, 1885.

Exhibitor.	Postoffice.	Flavor ..	Grain	Color	Salting ..	Style of packing.	Total.....
		40	30	15	10	5	100
C. W. Sibley & Co	State Centre	30	27	12	8	3	80
Heynen & Von Oven	Miles	34	29	10	8	3	84
Summerfield Creamery Co	Postville	30	28	12	8	3	81
J. W. Brazelton	Prairieburg	32	28	13	8	3	84
Wm. Beard & Sons	Decorah	34	28	14	8	3	87
P. O'Reilly	Lawler	32	27	11	8	3	81
Average		32	28	12	8	3	83

Michigan Butter.

Dairy Butter made after July 1, 1885.

G. B. & C. S. Smith	Eagle	35	28	13	8	2	86

Pennsylvania Butter.

Dairy Butter made after July 1, 1885.

Leeds & Ferguson	Philadelphia	34	20	12	8	2	76

New York Butter.

Dairy Butter made after July 1, 1885.

Smiths, Powell & Lamb	Syracuse	35	18	10	8	2	73

Sweepstakes.

(Only 1st Prize Packages allowed to Compete.)

Dairy Butter made after July 1, 1885.

T. Bacon	Wauconda, Ill	36	25	13	8	3	85
H. C. Beckman	Brunswick, Ind	30	29	12	8	2	72
Mrs. P. G. Henderson	Central City, Iowa	36	26	13	9	5	89
G. B. & C. S. Smith	Eagle, Mich	35	28	13	8	2	86
F. D. Holmes	Owatonna, Minn	30	25	13	10	5	83
W. N. McConnell	Dartford, Wis	35	28	13	8	2	86
Leeds & Ferguson	Philadelphia, Pa	34	20	12	8	2	76
Smiths, Powell & Lamb	Syracuse, N. Y	35	18	10	8	2	73
Average		34	24	12	8	3	81

Creamery Butter (Whole Milk) made after July 1, 1885.

Exhibitor.	Postoffice.	Flavor	Grain	Color	Salting ..	Style of packing.	Total ....
		40	30	15	10	5	100
P. G. Henderson	Central City, Iowa ..	27	27	12	8	3	77

Creamery Butter (Gathered Cream) made before July 1, 1885.

Fitzsimmons & Evanson	West McHenry, Ill..	27	28	12	8	3	78
Summerfield Creamery Co	Postville, Ia	25	28	12	8	3	76
Average		26	28	12	8	3	77

Creamery Butter (Gathered Cream) made after July 1, 1885.

McCray & Kessler	Kendallsville, Ind....	30	25	10	8	3	76
Wm. Beard & Sons	Decorah, Ia	34	28	14	8	3	87
John T. Clark	Clinton, Mich	37	29	14	8	3	91
George H. White	Ft. Atkinson, Wis....	28	26	12	8	2	76
Table Rock Creamery Assoc'n	Table Rock, Neb.....	30	27	9	8	3	77
A. J. Negus	Marengo, Ill	38	29	14	9	3	93
Average		33	27	12	8	3	83

Grand Sweepstakes.

Best Butter in the Show.

Only packages taking Sweepstakes Prizes eligible to entry.

Mrs. P. G. Henderson	Central City, Ia	36	26	13	9	5	89
P. G. Henderson	"	27	27	12	8	3	77
Fitzsimmons & Evanson	West McHenry, Ill...	27	28	12	8	3	78
A. J. Negus	Marengo, Ill	38	29	14	9	3	93
Average		32	27	13	8	3	83

Print Butter—5 pound packages.

(Butter made in Illinois.)

Mrs. D. W. Smith	Bates	20	15	15	5	6	60
Mrs. J. F. Montgomery	Kenney	28	20	7	7	5	67
Cook & Cheever	Waukegan	32	28	12	8	5	85
A. H. Allen	Belvidere	35	33	13	8	5	94
W. F. Allen	"	30	23	10	8	5	76
D. M. Adams	Argenta	32	30	12	8	5	87
Average		29	25	11	7	5	77

Butter made in Indiana.

E. L. Furness & Sons	Furnessville	28	25	5	8	5	71

Butter made in Michigan.

Exhibitor.	Postoffice.	Flavor.....	Grain.....	Color.....	Salting.....	Style of packing	Total.....
		40	30	15	10	5	100
H. R. Kingman	Battle Creek	25	25	12	6	5	73
G. B. & C. S. Smith	Eagle	30	25	11	7	5	78
Average		27	25	11	6	5	75

Butter made in Minnesota.

A. P. Foster	Plainview	39	29	14	9	5	96
F. D. Holmes	Owatonna	38	29	14	8	5	94
Average		39	29	14	8	5	95

Butter made in Wisconsin.

D. Le Baron	Ripon	30	25	10	7	5	77

Butter made in Nebraska.

Table Rock Creamery Assoc'n	Table Rock	28	22	10	8	5	73

Butter made in Ohio.

B. Waddel	Marion	20	23	8	5	5	61

Butter made in Pennsylvania.

Leeds & Ferguson	Philadelphia	31	27	11	8	5	82

Butter Made in New York.

Smiths, Powell & Lamb	Syracuse	39	29	14	9	5	96

Sweepstakes.

Only first premium packages eligible to entry—Best print Butter.

Exhibitor.	Postoffice.	Flavor	Grain	Color	Salting	Style of packing.	Total
		40	30	15	10	5	100
A. H. Allen	Belvidere, Ill	35	33	13	8	5	94
E. L. Furness & Sons	Furnessville, Ind	28	25	5	8	5	71
G. B. & C. S. Smith	Eagle, Mich	30	25	11	7	5	78
A. P. Foster	Plainview, Minn	39	29	14	9	5	96
D. LeBaron	Ripon, Wis	30	25	10	7	5	77
Table Rock Creamery Association	Table Rock, Neb	28	22	10	8	5	73
B. Waddel	Marion, O	20	23	8	5	5	61
Leeds & Ferguson	Philadelphia, Pa	31	27	11	8	5	82
Smiths, Powell & Lamb	Syracuse, N. Y	39	29	14	9	5	96
Average		31	26	11	8	5	81

Butter Made From Milk of One Recorded Cow of Following Breeds.

5 pounds Jersey Butter.

John Boyd	Chicago	30	28	9	9	5	81
T. Bacon	Wauconda	30	25	11	8	5	79
H. C. Beckman	Brunswick, Ind	35	28	12	9	5	89
M. H. Church	Walworth, Wis	30	25	8	7	5	75
D. P. Fountain	Warrensville	25	23	10	8	5	71
A. P. Foster	Plainview, Minn	37	28	14	8	5	92
H. C. Beckman	Brunswick, Ind	30	25	8	8	5	76
"	"	32	28	10	8	5	83
"	"	33	25	10	8	5	81
Average		31	26	10	8	5	80

Premium, $5, to A. P. Foster, Plainview, Minn.

5 pounds Holstein Butter.

S. N. Wright	Elgin	32	27	10	8	3	80
Smiths, Powell & Lamb	Syracuse, N. Y	36	26	11	8	2	83
Thos. B. Wales, Jr	Iowa City, Ia	30	28	12	8	5	83
Average		33	27	11	8	3	82

Premium, $5, to Thos. B. Wales, Jr., Iowa City, Ia.

5 pounds Short-Horn Butter.

Mrs. D. W. Smith	Bates	30	28	10	8	5	81
Mrs. J. F. Montgomery	Kenney	30	25	9	8	5	77
W. H. Fulkerson	Jerseyville	32	27	11	8	5	83
"	"	30	25	10	8	5	78
Average		30	26	10	8	5	79

Premium, $5, to W. H. Fulkerson, Jerseyville.

5 pounds Hereford Butter.

Swan & Bosler	Indianola, Ia	32	25	10	7	5	79

Premium, $5, to Swan & Bosler, Indianola, Iowa.

Sweepstakes.

Only prize packages eligible to entry.

Exhibitor.	Postoffice.	Flavor....	Grain....	Color.....	Salting...	Style of packing.	Total.....
		40	30	15	10	5	100
A. P. Foster, Jersey	Plainview, Minn.	37	28	14	8	5	92
Thos. B. Wales, Holstein	Iowa City, Ia.	30	28	12	8	5	83
W. H. Fulkerson, Short-Horn	Jerseyville	32	27	11	8	5	83
Swan & Bosler, Hereford	Indianola, Ia.	32	25	10	7	5	79
Average		33	27	12	8	5	85

Miscellaneous.

Display fancy print butter in shipping case.

A. H. Allen	Belvidere	30	27	10	8	4	79
W. F. Allen	"	31	27	10	8	3	79
D. M. Adams	Argenta	30	28	10	8	4	80
Charles Creamery Company	Chicago	37	29	12	8	4	90
J. W. Stout	Momence	30	27	12	8	3	80
Average		32	28	11	8	4	83

First premium, $10, to Charles Creamery Co., Chicago.
Second premium, $5, to D. M. Adams, Argenta.

Best novel Design made of Butter.

F. D. Holmes	Owatonna, Minn.	.....	.....	.....	.....	.....	.....

High recommendation.

10 pounds Butter made in Exposition Building.

John Boyd	Chicago	.....	.....	.....	.....	.....	.....
R. Lespinasse	"	.....	.....	.....	.....	.....	.....
H. W. Kellogg	Ripon, Wis.	.....	.....	.....	.....	.....	.....
Cook & Cheever	Waukegan	.....	.....	.....	.....	.....	.....
J. W. Stout	Momence	.....	.....	.....	.....	.....	.....

First premium, $10, to Cook & Cheever, Waukegan.
Second premium, $5, to John Boyd, Chicago.

Granulated Butter, in Glass.

Exhibitor.	Postoffice.	Flavor....	Grain	Color	Salting...	Style of packing.	Total ....
		40	30	15	10	5	100
Mrs. Velma C. Holmes	Owatonna, Minn						
Geo. H. White	Ft. Atkinson, Wis						
L. P. Bailey	Pugh, Ohio						
C. W. Sibley & Co	State Centre, Ia						
C. F. Tenney	Bement						
E. L. Furness & Sons	Furnessville, Ind						
E. H. Bierer	Rockford						
John Boyd	Chicago						
Mrs. H. Bartlett	Beloit, Wis						
A. H. Allen	Belvidere						
Cook & Cheever	Waukegan						
W. F. Allen	Belvidere						
Emily A. Pride	Janesville, Minn						
Table Rock Creamery Ass'n	Table Rock, Neb						
J. W. Stout	Momence						
T. Bacon	Wauconda						
P. O'Reilly	Lawler, Ia						
C. L. Harrison	Libertyville						
A. J. Negus	Marengo						
Smiths, Powell & Lamb	Syracuse, N. Y						
R. H. Valentine	Steele City, Neb						
A. J. Negas	Marengo						
E. A. Berry	Adeline						
D. Le Baron	Ripon, Wis						
J. Groolin	Kirkland						
Charles Thorp	Burnett Junc., Wis						
Mrs. Velma C. Holmes	Owatonna, Minn						
Frank D. Holmes	" "						
W. R. Hostetter	Mt. Carroll						
H. W. Kellogg	Ripon, Wis						
Emily A. Pride	Janesville, Minn						
C. E. Feakins	Kirkland						
J. Groolin	"						
Watson Childs	Manchester, Ia						
Seth Wadhams	Elmhurst						
D. C. Woolverton	Belvidere						
Jefferson Colvin	Kingston						

First premium, $10, to C. E. Feakins, Kirkland.
Second premium, $5, to Geo. H. White, Ft. Atkinson, Wisconsin.

5 pounds Butter made from milk of one cow.

Seth Wadhams	Elmhurst	37	28	14	8	5	92
John Boyd	Chicago	35	28	12	8	5	88
Average		36	28	13	8	5	80

First premium, $10, to Seth Wadhams, Elmhurst.
Second premium, $5, to John Boyd, Chicago.

50 pounds Butter scoring 85 or more points, pro rata prize.

Exhibitor.	Postoffice.	Flavor...	Grain	Color	Salting ..	Style of packing.	Total ....
		40	30	15	10	5	100
I. A. Travis	Lyons, Ia	37	28	14	8	3	90
John T. Clark	Clinton, Mich	37	29	10	8	3	87
Cook & Cheever	Waukegan	34	28	14	8	3	87
P. G. Henderson	Central City, Ia	38	29	14	9	3	93
Smiths, Powell & Lamb	Syracuse, N. Y	34	27	14	8	3	86
E. A. Berry	Adeline	39	29	12	9	3	92
M. H. Church	Walworth, Wis	36	28	14	8	3	89
Frank D. Holmes	Owatonna, Minn	37	29	14	8	3	91
Aurora Creamery Co	Aurora	35	28	14	8	3	88
W. A. Boies	Marengo	38	29	14	9	3	93
Wm. Beard & Sons	Decorah, Ia	33	27	14	8	3	85
" "	"	34	27	13	8	3	85
" "	"	34	28	14	8	3	87
Average		36	28	13	8	3	88

Premium, $16.14, to P. G. Henderson, Central City, Iowa.
Premium, $16.14, to W. A. Boies, Marengo, Iowa.
Premium, $15.96, to E. A. Berry, Adeline.
Premium, $15.78, to Frank D. Holmes, Owatonna, Minnesota.
Premium, $15.61, to I. A. Travis, Lyons, Iowa.
Premium, $15.44, to M. H. Church, Walworth, Wisconsin.
Premium, $15.26, to Aurora Creamery Co., Aurora.
Premium, $15.09, to John T. Clark, Clinton, Michigan.
Premium, $15.09, to Cook & Cheever, Waukegan.
Premium, $15.09, to Wm. Beard & Sons, Decorah, Iowa.
Premium, $14.92, to Smiths, Powell & Lamb, Syracuse New York.
Premium, $14 74, to Wm. Beard & Sons Decorah, Iowa.
Premium, $14.74, to Wm. Beard & Sons, Decorah, Iowa.

Display of Butter by one Manufacturer.

A. J. Negus	Marengo	37	26	13	9	5	90

Premium, $50, to A. J. Negus Marengo.

50 pounds Butter.

Fox River Butter Co	Oswego	39	29	14	8	3	93

Premium, $50, to Fox River Butter Co., Oswego.

50 pounds Butter made in Illinois.

W. A. Boies	Marengo	39	29	14	9	3	94

Premium, $10, to W. A. Boies, Marengo.

50 pounds Butter made in Indiana.

H. C. Beckman	Brunswick	36	28	14	8	3	89

Premium, $10, to H. C. Beckman, Brunswick, Ind.

50 pounds Butter made in Iowa.

Exhibitor.	Postoffice.	Flavor ...	Grain	Color	Salting ..	Style of packing.	Total.....
		40	30	15	10	5	100
Summerfield Creamery Co.....	Postville.....	35	29	14	8	3	89

Premium, $10, to Summerfield Creamery Co., Postville, Ia.

50 pounds Butter made in Michigan.

John T. Clark.....	Clinton	37	29	14	8	3	91

Premium, $10, to John T. Clark, Clinton, Mich.

50 pounds Butter made in Minnesota.

Frank D. Holmes.....	Owatonna...	37	28	14	8	3	90

Premium, $10, to Frank D. Holmes, Owatonna, Minn.

50 pounds Butter made in Wisconsin.

Charles Thorp	Burnett Junction....	36	27	12	8	3	86

Premium, $10, to Charles Thorp, Burnett Junction, Wis.

50 pounds Butter made in Nebraska.

Table Rock Creamery Association	Table Rock	32	28	12	8	3	83

Premium, $10, to Table Rock Creamery Association, Table Rock, Neb.

50 pounds Butter made in New York.

Smiths, Powell & Lamb.....	Syracuse	34	27	14	8	3	86

Premium, $10, to Smiths, Powell & Lamb, Syracuse, N. Y.

CHEESE.

Cheese made in Illinois.

40 pounds Cheddar Cheese.

Exhibitor.	Postoffice.	Flavor ...	Quality ..	Texture .	Color	Salting ..	Total ....
		30	30	20	10	10	100
D. C. Woolverton	Belvidere	28	27	17	9	9	90
J. Colvin	Kingston	20	24	16	6	8	74
Average		24	25	16	7	8	80

30 pounds Flat Cheese.

D. C. Woolverton	Belvidere	27	27	18	9	9	90

Young America Cheese.

D. C. Woolverton	Belvidere	28	28	18	9	9	92

Any other variety Full Cream Cheese, American make.

Potter & Barker	La Fox	20	19	15	7	6	67
"	"	20½	21	15½	7	6	70
"	"	20	21	15	7	6	69
Milo Munger	Harvard	20	22	16	7	9	74
"	"	20	25	18	7	7	77
"	"	18	23	17	7	7	72
"	"	20	24	18	7	7	76
"	"	25	27	18	7	8	85
"	"	21	21	17	7	9	75
Average		20	22	17	7	7	73

Iowa Cheese.

40 pounds Cheddar Cheese.

J. E. Neely	Grinnell	24	25	16	7	7	79

30 pounds Flat Cheese.

J. E. Neely	Grinnell	24	24	16	7	7	78

Young America Cheese.

Exhibitor.	Postoffice.	Flavor....	Quality..	Texture..	Color. ...	Salting...	Total.....
		30	30	20	10	10	100
J. E. Neely	Grinnell	24	25	17	7	9	82

Any other variety Full Cream Cheese—American make.

A. M. Bingham	Jesup	10	9	2	1	3	25

Minnesota Cheese.

40 pounds Cheddar Cheese.

Frank D. Holmes	Owatonna	12	14	10	6	9	51

Wisconsin Cheese.

40 pounds Cheddar Cheese.

Chester Hazen	Brandon	29	28	17	9	9	92
E. P. Ingalls	Milford	23	25	16	5	8	77
A. J. Decker	Fond du Lac	26	29	19	6	9	89
H. Z. Fish	Richland Centre	28	28	19	8	9	92
F. D. Widder	Brillion	24	24	17	8	8	81
Glasscott & Bragg	Monroe	20	24	16	6	8	74
Average		25	26	17	7	8	83

30 pounds Flat Cheese.

E. P. Ingalls	Milford	24	30	19	10	7	90

Any other variety Full Cream Cheese—American make.

F. D. Widder	Brillion	26½	28	18	8½	9	90
F. T. Cross	Mauston	24	27	17	8	7	83
Average		25	27	17	8	8	85

Ohio Cheese.

30 pounds Flat Cheese.

H. M. Durkee	Milbern	23	22	16	6	9	76

Sweepstakes.

Only first prize lots eligible to entry—Case Cheddar Cheese.

Exhibitor.	Postoffice.	Flavor....	Quality..	Texture..	Color.....	Salting...	Total.....
		30	30	20	10	10	100
D. C. Woolverton	Belvidere, Ill.	28	27	17	9	9	90
J. E. Neely	Grinnell, Ia.	24	25	16	7	7	79
Frank D. Holmes	Owatonna, Minn.	12	14	10	6	9	51
H. Z. Fish	Richland Centre, Wis	28	28	19	8	9	92
Average		23	23	15	7	9	77

Case Flat Cheese.

D. C. Woolverton	Belvidere, Ill.	27	27	18	9	9	90
J. E. Neely	Grinnell, Ia.	24	24	16	7	7	78
E. P. Ingalls	Milford, Wis	24	30	19	10	7	90
H. M. Durkee	Milbern. O	23	22	16	6	9	76
Average		24	26	17	8	8	83

Case Young America Cheese.

D. C. Woolverton	Belvidere	28	28	18	9	9	92
J. E. Neely	Grinnell, Ia.	24	25	17	7	9	82
Average		26	26	17	8	9	86

Any other variety Full Cream Cheese—American make.

Milo Munger	Harvard	25	27	18	7	8	85
A. M. Bingham	Jesup, Ia	10	9	2	1	3	25
T. D. Widder	Brillion, Wis	26½	28	18	8½	9	90
Average		20	21	13	5	7	66

Grand Sweepstakes.

Only premium packages in Sweepstakes lots eligible to entry.

H. Z. Fish—Chedder	Richl'nd Cent'e, Wis.	28	28	19	8	9	92
E. P. Ingalls—Flat	Milford, Wis	24	30	19	10	7	90
D. C. Woolverton—Y. America	Belvidere	28	28	18	9	9	92
T. D. Widder—other variety	Brillion, Wis	26½	28	18	8½	9	90
Average		27	28	18	9	8	90

Miscellaneous.

Display Domestic Cheese.

Samuel B. Davis	Chicago						
P. Moran & Co	"						

Premium, $50, to Samuel B. Davis, Chicago.

Switzer Cheese.

Exhibitor.	Postoffice.	Flavor	Quality ...	Texture...	Color	Salting ...	Total .....
		30	30	20	10	10	100
M. Freitag	Dayton, Wis	19	18	15	8	7	67
Glasscott & Bragg	Monroe, Wis	16	20	17	8	6	67
Average		17	19	16	8	7	67

First premium, $15, to M. Freitag, Dayton, Wis.
Second premium, $10, to Glasscott & Bragg, Monroe, Wis.

Cheese scoring 85 or more points, pro rata prize.

Chester Hazen	Brandon, Wis	29	28	17	9	9	92
A. J. Decker	Fond du Lac, Wis	27	28	19	7	9	90
P. Moran & Co	Chicago	26	25	17	9	8	85
H. Z. Fish	Richland Centre, Wis	28	28	19	8	9	92
Chester Hazen	Brandon, Wis	27	26½	16½	7	8	85
Average		27	27	18	8	9	89

Premium, $41.44, to Chester Hazen, Brandon, Wisconsin.
Premium, $41.44, to H. Z. Fish, Richland Centre, Wisconsin.
Premium, $40.54, to A. J. Decker, Fond du Lac, Wisconsin.
Premium, $38.29, to P. Moran & Co., Chicago.
Premium, $38.29, to Chester Hazen, Brandon, Wisconsin.

50 pounds Cheese.

A. J. Decker	Fond du Lac, Wis	27	28	19	7	9	90

Premium, $50, to A. J. Decker, Fond du Lac, Wisconsin.

50 pounds Cheese made in Iowa.

A. M. Bingham	Jesup	20½	19½	13½	5½	7	66

Premium, $10, to A. M. Bingham, Jesup, Iowa.

50 pounds Cheese made in Minnesota.

F. D. Holmes	Owatonna	13	15	11	6	9	54

Premium, $10, to F. D. Holmes, Owatonna, Minnesota.

50 pounds Cheese made in Wisconsin.

H. Z. Fish	Richland Centre, Wis	27	26	16	8	8	85

Premium, $10, to H. Z. Fish, Richland Centre, Wisconsin.

50 pounds Cheese made in Ohio.

Exhibitor.	Postoffice.	Flavor...	Quality..	Texture..	Color	Salting ..	Total ....
		30	30	20	10	10	100
H. M. Durkee.....	Milbern, Ohio	22	21	15½	7	7½	73

Premium, $10, to H. M. Durkee, Milbern.

DAIRY IMPLEMENTS AND APPLIANCES.

Lot 63—Butter-Making Utensils.

Revolving Churns:
Batcheller, H. F. & Son, Rock Falls.
Lespinasse, R., Chicago.
McDermaid & Allen, Rockford.
Palmer, H. H. & Co., Rockford.
Willard, Charles P. & Co., Chicago.

Churn with Masher or Float:
Willard, Charles P. & Co., Chicago.

Factory Churn:
Anderson & Burnap, Dubuque, Iowa.
Batheller, H. F. & Son, Rock Falls.
Palace Creamery Co., Kalamazoo, Mich.
Palmer, H. H. & Co., Rockford—2 entries.
Willard, Charles P. & Co., Chicago—4 entries.

Power Butter Worker:
Willard, Charles P. & Co., Chicago—2 entries.

Butter Worker for Farm Dairy:
Batcheller, H. F. & Son, Rock Falls.
Lespinasse, R., Chicago.
Willard, Charles P. & Co., Chicago—3 entries.

Butter Tray and Board:
Lespinasse, R., Chicago.

Butter Ladle:
Batcheller, H. F. & Son, Rock Falls.
Lespinasse, R., Chicago.

Butter Mold:
Fargo, F. B., Lake Mills, Wis.
Lespinasse, R., Chicago.

Butter Stamp:
Fargo, F. B., Lake Mills, Wis.
Lespinasse, R., Chicago.

Butter Printer:
Lespinasse, R., Chicago.
Willard, Charles P. & Co., Chicago.

Thermometer Churn:
Table Rock Creamery Association, Table Rock, Neb.

Display of Utensils:
Cornish, Curtis & Green, Ft. Atkinson, Wis.
Fargo, F. B. & Co., Chicago.
Lespinasse, R., Chicago.
Poe, D. H. & Co., Chicago.
Vermont Farm Machine Co., Bellows Falls, Vt.
Willard, Charles P. & Co., Chicago.
Premium, Diploma, to Charles P. Willard & Co., Chicago.

Lot 64—Cheese-Making Utensils.

Cheese Press:
Willard, Charles P. & Co., Chicago—3 entries.

Cheese Vat:
Willard, Charles P. & Co., Chicago.

Curd Mill:
Willard, Charles P. & Co., Chicago—2 entries.

Currying Can:
Willard, Charles P. & Co., Chicago.

Set of Scales:
Lespinasse, R., Chicago.
Willard, Charles P. & Co., Chicago.

Milk Pail:
Lespinasse, R., Chicago.
Swan, D. J., Chicago.
Willard, Charles P. & Co., Chicago.

Tin or Metal Cans for Dairy Use:
Willard, Charles P. & Co., Chicago.

Display Utensils for Cheese-making:
Poe, D. H. & Co., Chicago.
Willard, Charles P. & Co., Chicago.
Premium, Diploma, to Charles P. Willard & Co., Chicago.

Lot 65—Cream-Raising Utensils.

Cans for Gathered Cream:
Boyd, John, Chicago.
Harvey & Campbell, Bellevue, Ia.
Lespinasse, R., Chicago.
Willard, Chas. P. & Co., Chicago—4 entries.

Carrying Can for Cream:
Cherry, J. G., Cedar Rapids, Ia.
Harvey & Campbell, Bellevue, Ia.
Lespinasse, R., Chicago.
Wilhelm, John, Worcester, O.
Willard, Chas. P. & Co., Chicago—2 entries.

Display Cans or Creamers for Dairy Use:
Boyd, John, Chicago.
Harvey & Campbell, Bellevue, Ia.
Lespinasse, R., Chicago.
Willard, Charles P. & Co., Chicago.

Display Cream Extractors:
Lespinasse, R., Chicago.
Willard, Charles P. & Co., Chicago.
Premium, silver Medal, to R. Lespinasse, Chicago.

Miscellaneous.

Barger, D., Chicago, Fricasse Holland.
Harvey & Campbell, Bellevue, Ia., Cream-Raising Cans.
Knight, S. H., Minneapolis, Salt for Dairy Use.
Wilhelm, John, Worcester, O., Cream-Tempering Vat.
Wood, C. H., Chicago, Model Steam Plow.

Lot 66—Machinery for Dairy Use.

Display Engine and Boiler, Complete:
Lespinasse, R., Chicago.
Palace Creamery Co., Kalamazoo, Mich.
Willard, Charles P. & Co., Chicago—2 entries.
Premium, Diploma, to Charles P. Willard & Co., Chicago.

Engines:
Willard, Charles P. & Co., Chicago.

Boilers:
Willard, Charles P. & Co., Chicago—2 entries.

Dog or Animal Powers:
McDermaid & Allen, Rockford.
Palmer, H. H. & Co., Rockford.

Wagon or Device for Transporting Cream from Farm to the Creamery:
Fargo, F. B. & Co., Lake Mills, Wis.
Harvey & Campbell, Bellevue, Ia.

Motor for Dairy or Creamery Use:
Lespinasse, R., Chicago.
Willard, Charles P. & Co., Chicago.

Lot 67—Butter and Cheese Packages.

Display Butter Tubs:
Conner & Lantz, Marysville, O.
Mann, C. E., Geneva.
Tiarks, George B., Chicago.
Van Putten, J. & Co., Holland, Mich.
Willard, Charles P. & Co., Chicago.

Display Firkins and Half Firkins:
Tiarks, George B., Chicago.

Display Butter Pails:
Mann, C. E., Geneva.
Willard, Charles P. & Co., Chicago.

Display Butter-Tubs, other than Oak, Ash or Spruce:
Record Manufacturing Co., Conneaut, O.

Display Shipping Boxes for Print Butter:
Willard, Charles P. & Co., Chicago.

Display Cheese Boxes:
Mann, C. E., Geneva.

Display Fancy Packages:
Cherry, J. G., Cedar Rapids, Ia.
Lespinasse, R., Chicago.
Willard, Charles P. & Co., Chicago.

Display Metal Packages:
McAdam Butter Package Manufacturing Co., Postville, Ia.

Display Shipping Cans for Print Butter:
Willard, Charles P. & Co., Chicago.

Display Refrigerators for Storing Butter:
Jackson Refrigerator Co., Chicago.
Kendallville Refrigerator Co., Kendallville, Ind.
Stanton, W. H., Chicago.
Tiffany Refrigerator Car Co., Chicago.

Display Butter Color:
Batcheller, H. F. & Son, Rock Falls.
Fargo, F. B. & Co., Lake Mills, Wis.
Hansen's, Chr., Laboratory, Chicago.
Harvey & Campbell, Bellevue, Ia.
Rockford Chemical Co., Rockford.
Rockford Churn Co., Rockford.
Wells & Richardson, Burington, Vt.
Willard, Charles P. & Co., Chicago.

Refrigerator Car:
Detroit Refrigerator Car Co., Detroit.
Flannagan & Hoff, Chicago.
Kendallville Refrigerator Co., Kendallville, Ind.
Tiffany Refrigerator Car Co., Chicago.
Premium, Diploma, to Detroit Refrigerator Car Co., Chicago.

Artistic Display of Dairy Salt:
Davies Warehouse Co., Chicago.
Moran, P. & Co., Chicago.
Redell, R. F., Chicago.
Willard, Charles P. & Co., Chicago.
Premium, Diploma, to R. F. Redell, Chicago.

LIST OF AWARDS.

EIGHTH ANNUAL FAT STOCK SHOW,

CHICAGO, NOVEMBER 10-19, 1885.

CLASS A—CATTLE.

SEC. 1.

LA FAYETTE FUNK, *Superintendent.*

LOT 1—SHORT-HORN.

Steer or Spayed Cow 3 and under 4.

First premium to steer Schooler, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture..... $30 00

Second premium to steer Bedford, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture..... 20 00

Third premium to steer Renick, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture..... 10 00

Steer or Spayed Heifer 2 and under 3.

First premium to steer Frank, exhibited by J. H. Potts & Son, Jacksonville, Ill.—

Illinois State Board of Agriculture..... 30 00

Second premium to steer Snowball, exhibited by C. S. Barclay, West Liberty, Ia.—

Illinois State Board of Agriculture..... 20 00

Third premium to steer Cambridge Geneva, exhibited by J. R. Peak & Son, Winchester, Ill.—

Illinois State Board of Agriculture	$10 00

Steer or Spayed Heifer 1 and under 2.

First premium to steer Cleveland, exhibited by Elbert & Fall, Albia, Ia.—

Illinois State Board of Agriculture	30 00

Second premium to steer Orio, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture	20 00

First premium to steer Duke of Ashbrook 2d, exhibited by J. R. Peak & Son, Winchester, Ill.—

Illinois State Board of Agriculture	30 00

Lot 2—Hereford.

Steer or Spayed Cow 3 and under 4.

First premium to steer Suspense, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$30 00	
American Hereford Association	30 00	
Total		60 00

Second premium to steer Tom, exhibited by Swan & Bosler Land and Cattle Co., Indianola, Iowa—

Illinois State Board of Agriculture	$20 00	
American Hereford Association	20 00	
Total		40 00

Third premium to steer Champion, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$10 00	
American Hereford Association	10 00	
Total		20 00

Steer or Spayed Heifer 2 and under 3.

First premium to steer Sampson, exhibited by Geo. Leigh & Co., Aurora, Ill.—

Illinois State Board of Agriculture	$30 00	
American Hereford Association	30 00	
Total		60 00

Second premium to steer Tempest, exhibited by Fowler & Van Natta, Fowler, Ind—

Illinois State Board of Agriculture	$20 00	
American Hereford Association	20 00	
Total		40 00

Third premium to steer Elkington, exhibited by Adams Earl, Lafayette, Ind.—

Illinois State Board of Agriculture	$10 00	
American Hereford Association	10 00	
Total		20 00

Steer or Spayed Heifer 1 *and under* 2.

First premium to steer Slasher, exhibited by George Leigh & Co., Aurora, Ill.—

Illinois State Board of Agriculture	$30 00	
American Hereford Association	30 00	
Total		$60 00

Second premium to steer Frank, exhibited by George Leigh & Co., Aurora, Ill.—

Illinois State Board of Agriculture	$20 00	
American Hereford Association	20 00	
Total		40 00

Lot 4—Aberdeen-Angus.

Steer or Spayed Heifer, 2 *and under* 3 *years.*

First premium to steer Wildy, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture	$30 00	
Aberdeen-Angus Association	30 00	
Total		60 00

Second premium to steer Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$20 00	
Aberdeen-Angus Association	20 00	
Total		40 00

Third premium to steer Logan, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$10 00	
Aberdeen-Angus Association	10 00	
Total		20 00

Steer or Spayed Heifer, 1 *and under* 2 *years.*

First premium to steer Sandy, exhibited Gudgell & Simpson, Independence, Mo.—

Illinois State Board of Agriculture	$30 00	
American Aberdeen-Angus Association	30 00	
Total		60 00

Steer or Spayed Heifer under 1 *year.*

First premium to steer Alex, exhibited by Gudgell & Simpson, Independence, Mo.—

Illinois State Board of Agriculture	$30 00	
American Aberdeen-Angus Association	30 00	
Total		60 00

Lot 5—Holstein.

Steer or Spayed Cow, 3 *and under* 4 *years.*

Second premium to steer Gottleib, exhibited by Lucien Scott, Leavenworth, Kan.—

Illinois State Board of Agriculture	$20 00	
Holstein Breeders' Association of America	20 00	
Total		40 00

Steer or Spayed Heifer under 1 year.

Second premium to steer Brookbank, exhibited by Thos. B. Wales, Jr., Iowa City, Iowa—

Illinois State Board of Agriculture	$20 00	
Holstein Breeders' Association of America	20 00	
Total		$40 00

Lot 6—Grades or Crosses.

Steer or Spayed Cow 3 and under 4 years.

First premium to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$30 00	
American Hereford Association	30 00	
Total		60 00

Second premium to steer Dysart, exhibited by C. M. Culbertson, Chicago, Ill.—

Illinois State Board of Agriculture	$20 00	
American Hereford Association	20 00	
Total		40 00

Third premium to steer Scott, exhibited by C. M. Culbertson, Chicago, Ill.—

Illinois State Board of Agriculture	$10 00	
American Hereford Association	10 00	
Total		20 00

Steer or Spayed Heifer 2 and under 3 years.

First premium to steer Richmond, exhibited by J. H. Potts & Son, Jacksonville, Ill.—

Illinois State Board of Agriculture	30 00

Second premium to steer Gem, exhibited by John B. Sherman, Chicago, Ill.—

Illinois State Board of Agriculture	20 00

Third premium to steer Dandy Boy, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$10 00	
American Hereford Association	10 00	
Total		20 00

Steer or Spayed Heifer 1 and under 2.

First premium to Sir Bartle 2d, exhibited by Adams Earl, Lafayette, Ind.—

Illinois State Board of Agriculture	$30 00	
American Hereford Association	30 00	
Total		60|00

Second premium to steer Sir Bartle 4th, exhibited by Adams Earl, Lafayette, Ind.—

Illinois State Board of Agriculture	$20 00	
American Hereford Association	20 00	
Total		40 00

Third premium to steer Sir Bartle 1st, exhibited by Adams Earl, Lafayette, Ind.—

Illinois State Board of Agriculture	$10 00	
American Hereford Association	10 00	
Total		$20 00

Steer or Spayed Heifer under 1 year.

First premium to steer Excelsior, exhibited by J. R. Price, Williamsville—

Illinois State Board of Agriculture	$30 00	
American Hereford Association	30 00	
Total		60 00

Second premium to steer Express, exhibited by J. R. Price & Son, Williamsville—

Illinois State Board of Agriculture	$20 00	
American Hereford Association	20 00	
Total		40 00

Third premium to steer Diamond, exhibited by J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture		10 00

Lot 8—All Breeds and Grades, by Ages.

Steer or Spayed Cow 3 and under 4.

Premium to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$50 00	
American Hereford Association	50 00	
W. W. Kimball & Co.	275 00	
Total		375 00

Steer or Spayed Heifer 2 and under 3.

Premium to steer Sampson, exhibited by Geo. Leigh & Co., Aurora—

Illinois State Board of Agriculture	$50 00	
American Hereford Association	50 00	
Fairbanks, Morse & Co.	170 00	
Total		270 00

Steer or Spayed Heifer 1 and under 2.

Premium to steer Cleveland, exhibited by Albert & Fall, Albia, Iowa—

Illinois State Board of Agriculture	$50 00	
H. C. Staver Implement Co.	80 00	
Total		130 00

Steer or Spayed Heifer under 1.

Premium to steer Excelsior, exhibited by J. R. Price, Williamsville—

Illinois State Board of Agriculture	$50 00	
American Hereford Association	50 00	
G. D. Cotton & Co.	70 00	
Total		170 00

Lot 9—Sweepstakes.

Best Animal in Lot 1—Short-Horns.

Premium to steer Cleveland, exhibited by Elbert & Fall, Albia, Iowa—

Illinois State Board of Agriculture	$75 00	
E. A. Porter & Bro	75 00	
Thorley Food Co	7 50	
Total		$157 50

Best Animal in Lot 2—Herefords.

Premium to steer Suspense, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$75 00	
American Hereford Association	75 00	
Belle City Manufacturing Co	65 00	
Thorley Food Co	7 50	
Total		222 50

Best Animal in Lot 4—Aberdeen-Angus.

Premium to steer Benholm, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture	$75 00	
Appleton Manufacturing Co	110 00	
Aberdeen-Angus Association	75 00	
Thorley Food Co	7 50	
Total		267 50

Best Animal in Lot 6—Grades or Crosses.

Premium to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$75 00	
American Hereford Association	75 00	
A. Ortmayer & Son	50 00	
James Wilde, Jr. & Co	50 00	
Thorley Food Co	7 50	
Total		207 50

Lot 10—Grand Sweepstakes.

Best Steer, Barren Cow or Spayed Heifer in the Show.

Third premium to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$100 00	
American Hereford Association	100 00	
Total		200 00

Lot 11—Pen of Cattle.

Five Steers or Spayed Cows, 3 and under 4.

First premium to Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture	$150 00	
Marshall Field & Co	100 00	
Total		250 00

Second premium to Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$75 00	
American Hereford Association	75 00	
Total		$150 00

Five Steers or Spayed Heifers, 2 and under 3.

First premium to Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$150 00	
American Hereford Association	150 00	
Marshall Field & Co	100 00	
Total		400 00

Second premium to John B. Sherman, Chicago—

Illinois State Board of Agriculture	75 00

Five Steers or Spayed Heifers, 1 and under 2.

First premium to Adams Earl, Lafayette, Ind.—

Illinois State Board of Agriculture	$150 00	
American Hereford Association	150 00	
Marshall Field & Co	100 00	
Total		400 00

Second premium to Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$75 00	
American Hereford Association	75 00	
Total		150 00

Five Steers or Heifers under 1.

First premium to J. A. Funkhouser, Plattsburg, Mo.—

Illinois State Board of Agriculture	$150 00	
American Hereford Association	150 00	
Total		300 00

Second premium to Swan & Bosler Cattle Co., Indianola, Iowa—

Illinois State Board of Agriculture	$75 00	
American Hereford Association	75 00	
Total		150 00

Lot 12—Dressed Carcass.

Carcass Steer or Spayed Cow 3 and under 4.

Premium to steer Turriff, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture	$75 00	
American Hereford Association	75 00	
Total		150 00

Carcass Steer or Spayed Heifer 2 and under 3.

Premium to steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.—

Illinois State Board of Agriculture	$75 00	
American Hereford Association	75 00	
Total		150 00

Corcass Steer or Spayed Heifer 1 *and under* 2.

Premium to steer Rosy, exhibited by Overton Lea, Nashville, Tenn.—

Illinois State Board of Agriculture		$75 00

Lot 13—Carcass Prizes.

Carcass furnishing the largest per cent. of edible meat.

Premium to steer Turriff, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture	$75 00	
American Aberdeen-Angus Association	75 00	
Total		150 00

Carcass furnishing largest per cent. net to gross weights.

Premium to steer Benholm, exhibited by J. J. Hill, St. Paul, Minn.—

Illinois State Board of Agriculture	$75 00	
American Aberdeen-Angus Association	75 00	
Total		150 00

Lot 14—Dressed Carcass—Sweepstakes.

Carcass Steer, Cow or Spayed Heifer of any age.

Only animals awarded first prizes in Lot 12 will be entitled to compete in this lot.

Premium to steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.—

Illinois State Board of Agriculture	$100 00	
American Hereford Association	100 00	
Total		200 00

Lot 15—Heaviest Fat Steer.

First premium to steer Mammoth, exhibited by J. D. Gillett, Elkhart, Ill.—

Illinois State Board of Agriculture	75 00

Second premium to steer Jim, exhibited by A. A. Noyes, Steamboat Springs, Ia.—

Illinois State Board of Agriculture	50 00

Third premium to steer Geo. Fox, exhibited by John B. Sherman, Chicago—

Illinois State Board of Agriculture	25 00

Lot 16—Gain per Day.

Steer or Spayed Heifer 3 *and under* 4.

First premium to steer McGregor, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$50 00	
American Hereford Association	50 00	
Total		100 00

Second premium to steer Regulus, exhibited by Fowler & VanNatta, Fowler, Ind.—

Illinois State Board of Agriculture	$25 00	
American Hereford Association	25 00	
Total		50 00

Steer or Spayed Heifer, 2 and under 3.

First premium to steer Doc Woods, exhibited by J. G. Gillett, Elkhart, Ill.—

Illinois State Board of Agriculture		$50 00

Second premium to steer Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture	$25 00	
American Hereford Association	25 00	
Total		50 00

Steer or Spayed Heifer 1 and under 2.

First premium to steer Phillip, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture	50 00

Second premium to steer Morris, exhibited by J. D. Gillett, Elkhart, Ill.—

Illinois State Board of Agriculture	25 00

Steer or Spayed Heifer under 1 year.

First premium to steer Charley, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture	50 00

Second premium to steer Marquis, exhibited by Henry Davis, Dyer, Ind.—

Illinois State Board of Agriculture	$25 00	
American Hereford Association,	25 00	
Total		50 00

Lot 17—Cost of Production.

Steer or Spayed Cow 3 and under 4 years.

First premium to steer Dan, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture	65 00

Second premium to steer Davy, exhibited by John P. Gillett, Elkhart—

Illinois State Board of Agriculture	35 00

Steer or Spayed Heifer 2 and under 3.

First premium to steer Fisher, exhibited by John D. Gillett, Elkhart—

Illinois State Board of Agriculture	65 00

Second premium to steer Rocket, exhibited by John P. Gillett, Elkhart—

Illinois State Board of Agriculture	35 00

Steer or Spayed Heifer 1 and under 2.

First premium to steer Phillip, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture	65 00

Second premium to steer Roy, exhibited by John D. Gillett, Elkhart—

Illinois State Board of Agriculture	35 00

Steer or Spayed Heifer under 1 year.

First premium to steer Excelsior, exhibited by J. R. Price & Son, Williamsville—

Illinois State Board of Agriculture	$65 00	
American Hereford Cattle Breeders' Association	65 00	
Total		130 00

Second premium to steer Express, exhibited by J. R. Price & Son, Williamsville—

Illinois State Board of Agriculture	$35 00	
American Hereford Cattle Breeders' Association	35 00	
Total		$70 00

CLASS A—CATTLE.

Sec. 2—Milk Breeds.

JOHN P. REYNOLDS, *Superintendent.*

Lot 18—Holstein or Friesian.

Bull 3 years or over.

Premium to Solon Prince, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.—

Illinois State Board of Agriculture	$125 00	
American Holstein-Friesian Association	125 00	
Total		250 00

Cow 3 years or over.

First premium to Lady Fay, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.—

Illinois State Board of Agriculture	$100 00	
American Holstein-Friesian Association	100 00	
Total		200 00

Second premium to Jepma, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.—

Illinois State Board of Agriculture	$50 00	
American Holstein-Friesian Association	50 00	
Total		100 00

Third premium to Alexander's Queen, exhibited by Smiths, Powell & Lamb, Syracuse, N. Y.—

Illinois State Board of Agriculture	$25 00	
American Holstein-Friesian Association	25 00	
Total		50 00

Lot 19—Ayrshires.

Bull 3 years or over.

Premium to Duke of Illinois, exhibited by John Stewart, Blackberry—

Illinois State Board of Agriculture	$125 00

Cow 3 years or over.

First premium to Spotty G., exhibited by John Stewart, Blackberry—

Illinois State Board of Agriculture	100 00

Second premium to Crummy, exhibited by John Stewart, Blackberry—

Illinois State Board of Agriculture	50 00

Third premium to Maid of Compton, exhibited by John Stewart, Blackberry—

Illinois State Board of Agriculture $25 00

Lot 20—Jerseys.

Bull 3 years or over.

Premium to Duke of Willow Grove, exhibited by Frank H. Johnson & Co., South Bend, Ind.—

Illinois State Board of Agriculture 125 00

Cow 3 years or over.

First premium to Little Patience, exhibited by Frank H. Johnson & Co., South Bend, Ind.—

Illinois State Board of Agriculture 100 00

Seeond premium to Gold Trinket, exhibited by Seth Wadhams, Elmhurst—

Illinois State Board of Agriculture 50 00

Third premium to Silver Hill, exhibited by Seth Wadhams, Elmhurst—

Illinois State Board of Agriculture 25 00

Total, Class A $10,780 00

CLASS B—HORSES.

DAVID GORE, *Superintendent Heavy Horses.*

E. C. LEWIS, *Superintendent Light Horses.*

Lot 22—Norman-Percheron.

Five French Draft Stallions over 2 years old, imported in 1885, owned by one party, with or without certificate of registry in France.

Premium to King, Tritoma, Galago, Waterloo and Rateny, exhibited by Degen Bros., Ottawa—

I. L. Ellwood, DeKalb $100 00

Stallion 3 years old or over.

Premium to Confident, exhibited by R. Nagle & Sons, Ottawa—

Studebaker Bros. Manufacturing Co., South Bend, Ind 125 00

Stallion 2 and under 3.

Premium to Arctic, exhibited by John Virgin, Fairbury—

Cortland Wagon Co., Cortland, N. Y 65 00

Lot 23—Clydesdale.

Stallion 3 years old or over.

Premium to Glencoe, 158, exhibited by H. A. Treadwell, Elgin—
David Bradley Manufacturing Co., Chicago $60 00

Stallion 2 and under 3.

Premium to Freemason, exhibited by Galbraith Bros., Janesville, Wis.—
Walter A. Wood Mowing and Reaping Machine Co., Chicago 75 00

Lot 24—English Shire.

Stallion 3 years old or over.

Premium to Holland Major, exhibited by Geo. E. Brown & Co., Aurora—
Schuttler & Holtz, Chicago 75 00

Stallion 2 and under 3.

Premium to British Flag, exhibited by Galbraith Bros., Janesville, Wis.—
Garfield Manufacturing Co 25 00

Lot 24½—Miscellaneous.

Roadster—Mare or Gelding.

Premium to Hennepin Maid, exhibited by Caton Stock Farm, Joliet—
Abbott Buggy Co., Chicago 100 00

Pair Carriage Horses, Mares or Geldings.

Premium to Don Raven and Chauncey, exhibited by J. Irving Pearce, Jr., Chicago—
J. M. W. Jones, Chicago 25 00

Saddle Horse.

Premium to Bay Prince, exhibited by J. Irving Pearce, Jr,, Chicago—

The Kent Publishing Co., Chicago	$20 00
P. Hayden Saddlery Hardware Co., Chicago	25 00
Total	45 00

Shetland Pony.

Premium to Tom Thumb, exhibited by Galbraith Bros., Janesville, Wis.—
The Meriden Brittania Co., Meriden, Conn 25 00

Saddle Pony.

Premium to Dan, exhibited by Peter Schuttler, Jr., Chicago—
L. Adams & Co., Chicago 15 00
Total, Class B $735 00

CLASS C—SHEEP.

D. W. VITTUM, JR., *Superintendent.*

LOT 25—SOUTHDOWN.

Wether 2 and under 3 years.

First premium to wether Barney, exhibited by J. H. Potts & Son, Jacksonville—
Illinois State Board of Agriculture $25 00

Second premium to wether Charlie, exhibited by J. H. Potts & Son, Jacksonville—
Illinois State Board of Agriculture 15 00

Third premium to wether Pat, exhibited by J. H. Potts & Son, Jacksonville—
Illinois State Board of Agriculture 10 00

Wether 1 and under 2 years.

First premium to wether Abraham, exhibited by E. & A. Stanford, Steyning, Eng.—
Illinois State Board of Agriculture 25 00

Second premium to wether Albert, exhibited by E. & A. Stanford, Steyning, Eng.—
Illinois State Board of Agriculture 15 00

Third premium to wether No. 56, exhibited by J. H. Potts & Son, Jacksonville—
Illinois State Board of Agriculture 10 00

Wether under 1 year.

First premium to wether Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.—
Illinois State Board of Agriculture 25 00

Second premium to wether Billy, exhibited by E. & A. Stanford, Steyning, Eng.—
Illinois State Board of Agriculture 15 00

Third premium to wether Al, exhibited by J. H. Potts & Son, Jacksonville—
Illinois State Board of Agriculture 10 00

LOT 26—SHROPSHIRE.

Wether 2 and under 3 years.

First premium to wether Hazless, exhibited by John Rutherford, Roseville, Ont.—
Illinois State Board of Agriculture 25 00

Second premium to wether Dick, exhibited by Mrs. Ann Newton, Pontiac, Mich.—
Illinois State Board of Agriculture 15 00

Third premium to wether Walter G., exhibited by Frank Willson, Jackson, Mich—
Illinois State Board of Agriculture 10 00

Wether 1 and under 2 years.

First premium to wether Lee, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture..... $25 00

Second premium to wether Pug, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Lorne, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

Wether under 1 year.

First premium to wether Turpin, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 25 00

Lot 27—Hampshire.

Wether 2 and under 3 years.

First premium to wether Frank, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 25 00

Second premium to wether Charlie, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Robt. K, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 10 00

Wether 1 and under 2.

First premium to wether Duke, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 25 00

Second premium to wether Hero, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 15 00

Under 1 year.

First premium to wether Keene, exhibited by Frank Willsou, Jackson, Mich.—

Illinois State Board of Agriculture..... 25 00

Second premium to wether Bedford, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Frank, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 10 00

Lot 28—Oxford.

Wether 2 and under 3 years.

First premium to wether Brassey, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 25 00

Second premium to wether Economy, exhibited by Stone & Loake, Stoning-ton, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Jumbo, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

Wether under 1 year.

First premium to wether Champion, exhibited by Stone & Loake, Stonington, Ill.—

Illinois State Board of Agriculture $25 00

Second premium to wether Tuck, exhibited by Stone & Loake, Stonington, Ill.—

Illinois State Board of Agriculture 15 00

Lot 29—Cotswold.

Wether 2 and under 3 years.

First premium to wether Wonder, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture 25 00

Second premium to wether Jumbo, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture 15 00

Third premium to wether Prince, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 25 00

Wether 1 and under 2 years.

First premium to wether Stonington, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 25 00

Second premium to wether Baker, exhibited by Stone & Loake, Stonington, Ill.—

Illinois State Board of Agriculture 15 00

Third premium to wether Burry, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 10 00

Wether under 1 year.

First premium to wether Joe, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture 25 00

Second premium to wether Dick, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture 15 00

Third premium to wether ——, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 10 00

Lot 30—Leicester.

Wether 2 and under 3 years.

First premium to wether Curley Jim, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 25 00

Second premium to wether Dick, exhibited by John Rutherford, Roseville, Ont.

Illinois State Board of Agriculture 15 00

Third premium to wether Will, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 10 00

Wether 1 and under 2 years.

First premium to wether Lue, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture $25 00

Second premium to wether Rob Roy, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 15 00

Third premium to wether Honest Grazier, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 10 00

Wether under 1 year.

First premium to wether Smith, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 25 00

Second premium to wether Jake, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 15 00

Lot 31—Lincoln.

Wether 2 and under 3 years.

First premium to wether Robin Hood, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 25 00

Second premium to wether Brown, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 15 00

Third premium to wether Duke, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 10 00

Wether 1 and under 2 years.

First premium to wether Master Bill, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 25 00

Second premium to wether Prof. Hobbs, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 15 00

Third premium to wether Jack, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 10 00

Wether under 1 year.

Second premium to wether Peter, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture 15 00

Third premium to wether Pride, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture 10 00

Lot 32—Grades and Crosses.

Wether 2 and under 3 years.

First premium to wether Dandy, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... $25 00

Second premium to wether to Blaine, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Hudson, exhibited by Stone & Loake, Stonington.

Illinois State Board of Agriculture..... 10 00

Wether 1 and under 2 years.

First premium to wether Tom, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 25 00

Second premium to wether Bert, exhibited by J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Bob, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

Wether under 1 year.

First premium to wether Dan, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 25 00

Second premium to wether George, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 15 00

Third premium to wether Proudfoot, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 10 00

Lot 33—Pure Bred Middle Wools, by Ages.

Wether 2 and under 3 years.

Premium to wether Hazless, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture..... 50 00

Wether 1 and under 2 years.

Premium to wether Lee, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture..... 50 00

Wether under 1 year.

Premium to Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture..... 25 00

Lot 34—Pure Bred Long Wools, by Ages.

Wether 2 and under 3 years.

Premium to wether Hood, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture		$50 00

Wether 1 and under 2 years.

Premium to wether Turpin, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture		50 00

Wether under 1 year.

Premium to wether Smith, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture		50 00

Lot 35—Sweepstakes.

Wether 2 and under 3 years.

Premium to wether Dandy, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture	$50 00	
Thorley Food Co	4 00	
Total		54 00

Wether 1 and under 2 years.

Premium to wether Lee, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture	$50 00	
Thorley Food Co	4 00	
Total		54 00

Wether under 1 year.

Premium to wether Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture	$50 00	
Thorley Food Co	4 00	
Total		54 00

Lot 36—Grand Sweepstakes.

Best Wether in the Show.

Premium to wether Lee, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture		50 00

Lot 37—Heaviest Fat Sheep.

Premium to wether Curley, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture		25 00

Lot 38—Pen Wethers.

Five Fat Wethers 2 and under 3 years.

Premium to J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture	$50 00	
Marshall Field & Co	100 00	
Total		$150 00

Five Fat Wethers under 2 years.

Premium to J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture	50 00

Lot 39—Dressed Carcass.

Wether 2 years or over.

Premium to wether Perfection, exhibited by Stone & Loake, Stonington, Ill.—

Illinois State Board of Agriculture	25 00

Wether 1 and under 2 years.

Premium to wether Baker, exhibited by Stone & Loake, Stonington, Ill.—

Illinois State Board of Agriculture	25 00

Wether under 1 year.

Premium to wether Big Ben, exhibited by E. & A. Stanford, Steyning, Eng.—

Illinois State Board of Agriculture	25 00

Lot 40—Gain per Day.

Wether any age.

Premium to wether George, exhibited by John Rutherford, Roseville, Ont.—

Illinois State Board of Agriculture	50 00

Lot 41—Dressed Carcass—Sweepstakes.

Carcass Wether any age.

Premium to wether exhibited by Stone & Loake Stonington, Ill.—

Illinois State Board of Agriculture	25 00

Lot 42—Cost of Production.

Wether over 2 years old.

Premium to wether Jumbo, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture	50 00	
Total Class C		$1,947 00

CLASS D—SWINE.

E. B. DAVID, *Superintendent.*

Lot 43—Berkshire.

Barrow 12 and under 18 months.

First premium to barrow Bill, exhibited by Frank Srout, McLean, Ill.—
Illinois State Board of Agriculture $20 00

Barrow under 1 year.

First premium to barrow Scott, exhibited by Frank Srout, McLean, Ill.—
Illinois State Board of Agriculture 20 00
Second premium to barrow Jim, exhibited by Frank Srout, McLean, Ill.—
Illinois State Board of Agriculture 15 00

Lot 44—Poland China.

Barrow 12 and under 18 months.

First premium to barrow XL 6th, exhibited by J. A. Countryman, Rochelle, Ill.—
Illinois State Board of Agriculture 20 00
Second premium to barrow XL 7th, exhibited by J. A. Countryman, Rochelle—
Illinois State Board of Agriculture 15 00
Third premium to barrow XL 8th, exhibited by J. A. Countryman, Rochelle—
Illinois State Board of Agriculture 10 00

Barrow under 1 year.

First premium to barrow Lookout, exhibited by J. A. Countryman, Rochelle—
Illinois State Board of Agriculture 20 00
Second premium to barrow Leister, exhibited by Stone & Loake, Stonington, Ill.—
Illinois State Board of Agriculture 15 00
Third premium to barrow Packer, exhibited by J. A. Countryman, Rochelle—
Illinois State Board of Agriculture 10 00

Lot 45—Chester White.

Barrow 12 and under 18 months.

First premium to barrow Bob, exhibited by S. H. Todd, Wakeman, O.—
Illinois State Board of Agriculture 20 00
Second premium to barrow Dick, exhibited by S. H. Todd, Wakeman, O.—
Illinois State Board of Agriculture 15 00
Third premium to barrow Chub, exhibited by S. H. Todd, Wakeman, O.—
Illinois State Board of Agriculture 10 00

Barrow under 1 year.

First premium to barrow Tom, exhibited by Frank Srout, McLean, Ill.—
Illinois State Board of Agriculture $20 00

Second premium to barrow Jake, exhibited by Frank Srout McLean, Ill.—
Illinois Sate Board of Agriculture 15 00

Third premium to barrow Hefty, exhibited by S. H. Todd, Wakeman, O.—
Illinois State Board of Agriculture 10 00

Lot 46—Essex.

Barrow 12 and under 18 months.

First premium to barrow Winner, exhibited by E. T. Doney, Jackson, Mich.—
Illinois State Board of Agriculture 20 00

Second premium to barrow Tom, exhibited by Frank Willson, Jackson, Mich.—
Illinois State Board of Agriculture 15 00

Third premium to barrow Jerry, exhibited by Frank Willson, Jackson, Mich.—
Illinois State Board of Agriculture 10 00

Lot 47—Duroc Jersey Red.

Barrow 12 and under 18 months.

First premium to barrow King Jersey, exhibited by B. T. Railsback, Hopedale, Ill.—
Illinois State Board of Agriculture 20 00

Second premium to barrow Cleveland, exhiblted by Thos. Bennett, Rossville, Ill.—
Illinois State Board of Agriculture 15 00

Third premium to barrow Mugwump, exhibited by Thos. Bennett, Rossville, Ill.—
Illinois State Board of Agriculture 10 00

Barrow under 1 year.

First premium to barrow Tom B, exhibited by B. T. Railsback, Hopedale, Ill.—
Illinois State Board of Agriculture 20 00

Second premium to barrow Progress D, exhibited by B. T. Railsback, Hopedale, Ill.—
Illinois State Board of Agriculture 15 00

Third premium to barrow Druce D, exhibited by B. T. Railsback, Hopedale, Ill.—
Illinois State Board of Agriculture 10 00

Lot 48—Yorkshire and Suffolk.

Barrow 12 and under 18 months.

First premium to barrow Walter, exhibited by Frank Willson, Jackson, Mich.—
Illinois State Board of Agriculture 20 00

Second premium to barrow Snowball, exhibited by Frank Willson, Jackson, Mich.—
Illinois State Board of Agriculture 15 00

Third premium to barrow Snowflake, exhibited by Frank Willson. Jackson, Mich.—

Illinois State Board of Agriculture..... $10 00

Barrow under 1 year.

First premium to barrow Clask, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... 20 00

Second premium to barrow Ned, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Dan. exhibited by L. C. Henley, Mattoon—

Illinois State Board of Agriculture..... 10 00

Lot 49—Victoria.

Barrow 12 and under 18 months.

First premium to barrow Dick, exhibited by Stone & Loake, Stonington—

Illinois State Board of Agriculture..... 20 00

Barrow under 1 year.

First premium to barrow Snowball 1st, exhibited by Stone & Loake, Stonington—

Illinois State Board of Agriculture..... 20 00

Second premium to barrow Snowball 2d, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Snowball 3d, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture..... 10 00

Lot 50—Grades and Crosses.

Barrow 12 and under 18 months.

First premium to barrow Bully, exhibited by Frank Srout, McLean, Ill.—

Illinois State Board of Agriculture..... 20 00

Second premium to barrow Dave, exhibited by Frank Srout, McLean, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Jim, exhibited by L. C. Henley, Mattoon, Ill.—

Illinois State Board of Agriculture..... 10 00

Barrow under 1 year.

First premium to barrow Beaver, exhibited by B. T. Railsback, Hopedale, Ill—

Illinois State Board of Agriculture..... 25 00

Second premium to barrow Peter, exhibited by B. F. Waters, Rochester, Ill.—

Illinois State Board of Agriculture..... 15 00

Third premium to barrow Jumbo, exhibited by B. F. Waters, Rochester, Ill.—

Illinois State Board of Agriculture..... 10 00

Lot 51—All Breeds and Grades, by Ages.

Barrow 12 and under 18 months.

Premium to barrow Dick, exhibited by Stone & Loake, Stonington—

Illinois State Board of Agriculture		$25 00

Barrow under 1 year.

Premium to barrow Lookout, exhibited by J. A. Countryman, Rochelle—

Illinois State Board of Agriculture		25 00

Lot 52—Sweepstakes.

Barrow shown in Lot 43—Berkshire.

Premium to barrow Bill, exhibited by Frank Srout, McLean—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		29 00

Barrow shown in Lot 44—Poland China.

Premium to barrow Lookout, exhibited by J. A. Countryman, Rochelle—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		29 00

Barrow shown in Lot 45—Chester White.

Premium to barrow Tom, exhibited by Frank Srout, McLean—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		29 00

Barrow shown in Lot 46—Essex.

Premium to barrow Winner, exhibited by E. T. Doney, Jackson, Mich.—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		29 00

Barrow shown in Lot 47—Duroc Jersey Red.

Premium to barrow King Jersey, exhibited by B. T. Railsback, Hopedale—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		29 00

Barrow shown in Lot 48—Yorkshire and Suffolk.

Premium to barrow Jerry 2d, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		29 00

Barrow shown in Lot 49—Victoria.

Premium to barrow Dick, exhibited by Stone & Loake, Stonington—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		$29 00

Barrow in Lot 50—Grades and Crosses.

Premium to barrow Beaver, exhibited by B. T. Railsback, Hopedale—

Illinois State Board of Agriculture	$25 00	
Thorley Food Co	4 00	
Total		29 00

Lot 53—Grand Sweepstakes.

Best Barrow in the Show.

Premium to barrow Dick, exhibited by Stone Loake, Stonington—

Illinois State Board of Agricultnre	50 00

Lot 54—Heaviest Fat Hog.

Heaviest Barrow of any Age.

Premium to barrow King Jersey, exhibited by B. T. Railsback, Hopedale—

Illinois State Board of Agriculture	25 00

Lot 55—Pen of Barrows.

Five Fat Barrows 12 and under 18 months.

Premium to S. H. Todd, Wakeman, O.—

Illinois State Board of Agriculture	$75 00	
Marshall Field & Co	100 00	
Total		175 00

Five Fat Barrows under 1 year.

Premium to L. C. Henley, Mattoon—

Illinois State Board of Agriculture	$75 00	
Rice, Whitacre & Co	60 00	
Total		135 00

Lot 56—Dressed Carcass.

Barrow 12 and under 18 months.

Premium to barrow Jim, exhibited by L. C. Henley, Mattoon—

Illinois State Board of Agriculture	25 00

Barrow under one year.

Premium to barrow Sam, exhibited by L. C. Henley, Mattoon—

Illinois State Board of Agriculture	25 00

Lot 57—Gain per Day.

Barrow showing Greatest Average Gain per Day,

Premium to barrow Jumbo, exhibited by B. F. Waters, Rochester—

Illinois State Board of Agriculture $25 00

Lot 58—Cost of Production.

Barrow 12 and under 18 months.

Premium to barrow Dick, exhibited by Stone & Loake, Stonington—

Illinois State Board of Agriculture 25 00

Total—Class D $1,387 00

CLASS N—DAIRY.

E. E. CHESTER, *Superintendent.*

Lot 59—Butter.

Creamery Butter made in May or June.

First premium to Fitzsimmons & Evanson, West McHenry—

Illinois State Board of Agriculture $25 00

Second premium to Gurler Bros., DeKalb—

Illinois State Board of Agriculture 15 00

Third premium to J. B. Petty, Mt. Carroll—

Illinois State Board of Agriculture 10 00

Creamery Butter made at any time

First premium to McCray & Kessler, Kendallville, Ind.—

Illinois State Board of Agriculture 25 00

Second premium to A. J. Negus, Marengo—

Illinois State Board of Agriculture 15 00

Third premium to Homer Wattles, West McHenry—

Illinois State Board of Agriculture 10 00

Dairy Butter made at any time.

First premium to Mrs. P. G. Henderson, Central City, Ia.—

Illinois State Board of Agriculture	$25 00	
Potter Palmer	50 00	
Chas. P. Willard & Co	5 00	
Total		80 00

Second premium to G. B. & C. S. Smith, Eagle, Mich.—

Illinois State Board of Agriculture		$15 00

Third premium to W. N. McConnell, Dartford, Wis.—

Illinois State Board of Agriculture		10 00

Five prints or rolls.

First premium to A. P. Foster, Plainview, Minn.—

Illinois State Board of Agriculture	$15 00	
Chas. P. Willard & Co	6 00	
Total		21 00

Second premium to Smiths, Powell & Lamb, Syracuse, N. Y.—

Illinois State Board of Agriculture		10 00

Granulated Butter.

First premium to C. E. Feakins, Kirkland—

Illinois State Board of Agriculture	$10 00	
Charles P. Willard & Co	7 00	
Total		17 00

Second premium to Geo. H. White, Ft. Atkinson, Wis.—

Illinois State Board of Agriculture		5 00

Five pounds Butter made from milk of one cow.

First premium to Seth Wadhams, Elmhurst—

Illinois State Board of Agriculture	$10 00	
Chas. P. Willard & Co	10 00	
Total		20 00

Second premium to John Boyd, Chicago—

Illinois State Board of Agriculture		5 00

Exhibit Fancy Print Butter in shipping case.

First premium to Charles Creamery Co., Chicago—

Illinois State Board of Agriculture	$10 00	
Chas. P. Willard & Co	8 00	
Total		18 00

Second premium to D. M. Adams, Argenta—

Illinois State Board of Agriculture		5 00

Five pounds Butter from milk of one pure-bred Jersey cow.

Premium to A. P. Foster, Plainview, Minn.—

Illinois State Board of Agriculture	$5 00	
Thorley Ford & Co	4 00	
Total		9 00

Five pounds Butter from milk of one pure-bred Holstein cow.

Premium to Thos. B. Wales, Jr., Iowa City, Ia.—

Illinois State Board of Agriculture	$5 00	
Thorley Ford & Co	4 00	
Total		9 00

Five pounds Butter from milk of one pure-bred Short-Horn cow.

Premium to W. H. Fulkerson, Jerseyville—

Illinois State Board of Agriculture	$5 00	
Thorley Food Co	4 00	
Total		$9 00

Five pounds Butter made from milk of one pure-bred Hereford cow.

Premium to Swan & Bosler, Indianola, Ia.—

Illinois State Board of Agriculture	$5 00	
Thorley Butter Co	4 00	
Total		9 00

Sample Milk from one recorded Cow, produced in 24 hours, from which the greatest amount of butter was obtained.

Premium to John Stewart, Blackberry—

Illinois State Board of Agriculture	$10 00	
E. W. Blatchford & Co	27 50	
Total		37 50

Butter made in Exposition Building.

First premium to Cook & Cheever, Waukegan—

Illinois State Board of Agriculture	10 00

Second premium to John Boyd, Chicago—

Illinois State Board of Agriculture	5 00

Butter scoring 85 or more points.

Premium to—

P. G. Henderson, Central City, Iowa	93	points	$16 14
W. A. Boies, Marengo	93	"	16 14
E. A. Berry, Adeline	92	"	15 96
F. D. Holmes, Owatonna, Minn	91	"	15 78
I. A Travis, Lyons, Ia	90	"	15 61
M. H. Church, Walworth, Wis	89	"	15 44
Aurora Creamery Co, Aurora	88	"	15 26
John T. Clark, Clinton, Mich	87	"	15 09
Cook & Cheever, Waukegan	87	"	15 09
Wm. Beard & Sons, Decorah, Ia	87	"	15 09
Smiths, Powell & Lamb, Syracuse, N.Y.	86	"	14 92
Wm. Beard & Sons, Decorah, Ia	85	"	14 74
" "	85	"	14 74
Total			$200 00

Illinois State Board of Agriculture	200 00

Display of Butter by one manufacturer.

Premium to A. J. Negus, Marengo—

Illinois State Board of Agriculture	$50 00	
Charles P. Willard & Co	25 00	
Total		75 00

Package 50 pounds of Butter.

Premium to Fox River Butter Co., Oswego—

Illinois State Board of Agriculture	$50 00	
Drake, Parker & Co	50 00	
Total		100 00

Lot 60--Special Prizes offered by Citizens of Chicago.

Butter made in Illinois.

Premium to W. A. Boies, Marengo—

Illinois State Board of Agriculture	$10 00	
Illinois Dairymen's Association	50 00	
Total		$60 00

Butter made in Indiana.

Premium to H. C. Beckman, Brunswick, Ia.

Illinois State Board of Agriculture	10 00

Butter made in Iowa.

Premium to Summerfield Creamery Co., Postville–

Illinois State Board of Agriculture	$10 00	
Iowa Dairymen's Association	50 00	
Total		60 00

Butter made in Michigan.

Premium to John T. Clark, Clinton.—

Illinois State Board of Agriculture	10 00

Butter made in Minnesota.

Premium to F. D. Holmes, Owatonna—

Illinois State Board of Agriculture	$10 00	
Minnesota Dairymen's Association	50 00	
Total		60 00

Butter made in Wisconsin.

Premium to Charles Thorp, Burnett Junction—

Illinois State Board of Agriculture	10 00

Butter made in Nebraska.

Premium to Table Rock Creamery Association, Table Rock—

Illinois State Board of Agriculture	10 00

Butter made in New York.

Smiths, Powell & Lamb, Syracuse—

Illinois State Board of Agriculture	10 00

Best Package of Butter in Lot 60.

Premium to Bert Victor, Marengo—

Giles Bros	100 00

Lot 61—Cheese.

Cheddar Cheese made in May or June.

First premium to F. D Holmes, Owatonna, Minn.—

Illinois State Board of Agriculture	25 00

Cheddar Cheese made at any time.

First premium to H. Z. Fish, Richland Centre, Wis.—

Illinois State Board of Agriculture $25 00

Second premium to Chester Hazen, Brandon, Wis.—

Illinois State Board of Agriculture 15 00

Third premium to D. C. Woolverton, Belvidere—

Illinois State Board of Agriculture 10 00

Flat Cheese made at any time.

First premium to E. P. Ingalls, Milford, Wis.—

Illinois State Board of Agriculture 25 00

Second premium to D. C. Woolverton, Belvidere—

Illinois State Board of Agriculture 15 00

Third premium to J. E. Neely, Grinnell, Ia.—

Illinois State Board of Agriculture 10 00

Young America Cheese.

First premium to D. C. Woolverton Belvidere—

Illinois State Board of Agriculture 15 00

Second premium to J. E. Neely, Grinnell, Ia.—

Illinois State Board of Agriculture 10 00

Switzer Cheese.

First premium to M. Freitag, Dayton, Wis.—

Illinois State Board of Agriculture 15 00

Second premium to Glasscott & Bragg, Monroe, Wis.—

Illinois State Board of Agriculture 10 00

Any other variety Full Cream Cheese, American manufacture.

First premium to F. D. Widder, Brillion, Wis.—

Illinois State Board of Agriculture 15 00

Second premium to Milo Munger, Harvard.

Illinois State Board of Agriculture 10 00

Display of Cheese by One Manufacturer.

Premium to Samuel B. Davis, Chicago—

Illinois State Board of Agriculture	$50 00	
Charles P. Willard & Co	25 00	
Total		75 00

Cheese Scoring 85 or More Points.

Premiums to—

Chester Hazen, Brandon, Wis. ..... 92 points	$41 44	
H. Z. Fish, Richland Centre, Wis ..... 92 "	41 44	
A. J. Decker, Fond du Lac, Wis ..... 90 "	40 54	
Chester Hazen, Brandon, Wis ..... 85 "	38 29	
P. Moran & Co., Chicago ..... 85 "	38 29	
Total	$200 00	
Illinois State Board of Agriculture		200 00

Lot of 50 Pounds of Cheese.

Premium to A. J. Decker, Fond du Lac, Wis.—

Illinois State Board of Agriculture	$50 00	
Charles P. Willard & Co	13 00	
Drake, Parker & Co	50 00	
J. C. Vaughan	14 00	
Total		$127 00

Lot 62—Special Prizes Offered by Citizens of Chicago.

Cheese made in Iowa.

Premium to A. M. Bingham, Jesup—

Illinois State Board of Agriculture 10 00

Cheese made in Minnesota.

Premium to F. D. Holmes, Owatonna—

Illinois State Board of Agriculture 10 00

Cheese made in Wisconsin.

Premium to H. Z. Fish, Richland Centre—

Illinois State Board of Agriculture 10 00

Cheese made in Ohio.

Premium to A. M. Durkee, Milbern—

Illinois State Board of Agriculture 10 00

Best Lot of Cheese in Lot 62.

Premium to Chester Hazen, Brandon, Wis.—

Victor Grinding Mill Co 75 00

DAIRY IMPLEMENTS.

Lot 63—Butter-Making Utensils.

General Display of Utensils for Butter-Making.

Premium to Charles P. Willard & Co., Chicago—

Illinois State Board of Agriculture ..... Diploma

Lot 64—Cheese-Making Utensils.

General Display of Utensils for Cheese-Making.

Premium to Charles P. Willard & Co., Chicago ..... Diploma

Lot 65—Cream-Raising Utensils.

Display Cream Extractors.

Premium to R. Lespinasse, Chicago—

Illinois State Board of Agriculture.....Silver Medal

Lot 66—Machinery for Dairy Use.

Display Engine and Boiler, complete.

Premium to Charles P. Willard & Co., Chicago—

Illinois State Board of Agriculture.....Diploma

Lot 67—Butter and Cheese Packages.

Refrigerator Car.

Premium to Tiffany Refrigerator Car Co., Chicago—

Illinois State Board of Agriculture.....Diploma

Artistic Display Dairy Salt.

Premium to R. F. Redell, Chicago—

Illinois State Board of Agriculture.....Diploma

Total—Class N..... $1,816 50

Recapitulation.

Amount premiums paid	Cattle	$10,780 00
" " "	Horses	735 00
" " "	Sheep	1,947 00
" " "	Swine	1,387 00
" " "	Dairy Products	1,816 50
Total		$16,665 50

SECRETARY'S REPORT.

The results of the eight Fat Stock Shows are briefly given herewith, for convenience of ready reference, and to enable the reader to critically examine and compare the different rings of the various breeds of stock exhibited at these shows.

The pure breeds and crosses will be reported upon in the order they appear in the classification of premiums.

The averages of the rings, of the several ages of animals and breeds, for the eight years, are first given, followed by table giving age, weight and gain of the first premium animals exhibited therein each year.

The excellent results obtained by feeders of the animals exhibited at former shows have been improved upon, in several rings, by the stock exhibited in 1885.

The increasing interest in the matter of early maturity has not diverted the attention of feeders from the essential matter of extra quality, which has and always will influence the awards of committees. The question of early maturity, other essential qualities being equal, will doubtless influence the award in favor of the animal making the largest average gain per day since birth.

In compiling the following statistics, it has been the purpose of the writer simply to give the official figures, without comment, leaving the reader free to draw his own inference as to the merits of the respective meat breeds of animals exhibited.

The superior quality of butchers' stock exhibited at the Seventh Annual Fat Stock Show has not been surpassed by the same number of animals previously exhibited.

The matter of extra quality is deservedly attracting more attention at each succeeding show, and the fine finish, excellent handling quality, fineness of bone, and other evidences of light offal, and cutting a large proportion of net to gross, was noticeable in the stock awarded premiums at the late show.

CLASS A—CATTLE.

SHORT-HORNS.

Short-Horn Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	2	1,891	2,262	1.19
1879	5	1,861	2,358	1.28

First Premium Animals 4 years old or over.

Year...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton	Young Mary ste'r	1,880	2,085	1.11
1879	Wing & Thompson	Wm. Allen	1,578	2,240	1.42

Short-Horn Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	2	1,250	2,087	1.67
1879	2	1,326	2,039	1.53
1880	4	1,300	2,172	1.66
1881	3	1,364	2,093	1.53
1882	5	1,339	2,141	1.59
1883	3	1,344	1,955	1.46
1884	9	1,262	1,981	1.57
1885	4	1,346	2,055	1.53

First Premium Animals 3 and under 4 years.

Year...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton	Young Mary, ste'r	1,280	2,115	1.65
*1879	J. H. Graves	Nichols	1,335	2,060	1.54
1880	William Sandusky	Vermilion	1,367	2,350	1.71
1881	J. B. Sherman	Morris	1,309	2,150	1.64
1882	H. & I. Groff	King of the West.	1,305	2,535	1.94
1883	J. B. Sherman	William S	1,306	1,970	1.51
1884	Can. W. F. Stock Ass'n	Clarence Kirklevington	1,372	2,400	1.74
1885	Morrow & Renick	Schooler	1,425	2,210	1.55

*Nichols, exhibited by J. H. Graves, was subsequently proved to be a grade Short Horn.

Short-Horn Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average Gain per day in lbs. since birth.
1878	5	934	1,621	1.73
1879	3	871	1,624	1.86
1880	5	942	1,801	1.92
1881	7	963	1,634	1.69
1882				
1883	3	868	1,765	2.02
1884	11	971	1,738	1.79
1885	10	978	1,747	1.78

First Premium Animals—2 and under 3 years.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	H. C. Nelson	Cash	969	1,705	1.76
1879	J. N. Brown's Sons	John Clay, Jr.	845	1,636	1.93
1880	J. B. Sherman	Boynton	1,064	1,815	1.70
1881	Morrow & Muir	Muir	1,085	1,895	1.74
1882		[levington.			
1883	Canada W. Farm Ass'n	Clarenee Kirk-	1,009	2,045	2.02
1884	Morrow & Renick	Bedford No. 1	1,038	1,708	1.64
1885	J. H. Potts & Son	Frank	905	1,615	1.78

Short-Horn Steer or Spayed Heifer, 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	3	672	1,385	2.06
1879	5	638	1,267	2.00
1880	1	721	1,590	2.20
1881				
1882	3	480	1,288	2.72
1883	9	647	1,222	1.92
1884	9	592	1,261	2.13
1885	2	568	1,325	2.33

First Premium Animals—1 and under 2 years.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	J. N. Brown's Sons	Duke Sangamon.	650	1,480	2.28
1879	" "	Gaylord	701	1,316	1.87
1880	J. S. Highmore	Corporal	721	1,590	2.20
1881		[levington.			
1882	Canada W. Farm Ass'n	Clarence Kirk-	645	1,620	2.51
1883	Morrow & Renick	Schooler	698	1,300	1.85
1884	" "	Swift	625	1,370	2.19
1885	Elbert & Falls	Cleveland	497	1,290	2 59

Short-Horn Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885	1	237	535	2.26

First Premium Animals—under 1 year.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1885	J. B. Peak & Son	Duke of Ashbrook 2d.	237	535	2.26

Short-Horn Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	6	2,937	1,722	0.72
1879	8	2,364	1,786	0.81
1880	3	3,031	1,618	0.59
1881	4	2,109	1,756	0.83
1882	8	2,106	1,808	0.85
1883	6	2,635	1,797	0.71

First Premium Animals—Cow 3 years old or over.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Baugh & Son	Superior	1,721	2,075	1.20
1879	R. K. & A. S. Brownlee	Red Bettie	2,035	1,769	0.86
1880	W. Scott	Forest Queen 2d.	2,136	1,710	0.80
1881	Canada W. Farm St'k Ass'n.	Lady Aberdeen	1,873	1,875	1 00
1882	J. H. Potts & Son	Acorn 6th	1,404	1,865	1.32
1883	C. S. Barclay	4th Rose of Ashbrook.	2,047	1,895	0.92

HEREFORDS.

Hereford Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	1	2,692	2,010	0.75
1879	4	1,639	1,994	1.28

First Premium Animals 4 years old or over.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller	Hereford	2,692	2,010	0.75
1879	" "	John	1,677	2,043	1.22

Hereford Steer, Barren or Spayed Cow, 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	3	1,346	1,735	1.26
1879	2	1,389	1,973	1.41
1880	1	1,183	1,875	1 58
1881	2	1,233	1,947	1.57
1882	1	1,121	1,765	1.57
1883	4	1,315	1,952	1.48
1884	2	1,381	1,817	1.31
1885	8	1,279	1,967	1.54

First premium Animals 3 and under 4 years.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller	No. 20	1,336	1,705	1.20
1879	"	Merryman	1,359	1,968	1.44
1880	"	Alex	1.183	1,875	1,58
1881	"	Will	1,224	1,965	1.60
1882	M. H. Cochrane	Sir Richard	1,121	1,765	1.57
1883	Adams Earl	Wabash	1,441	2,350	1.63
1884	Fowler & Van Natta	Artless	1,374	1,560	1.13
1885	Ind. Blooded Stock Co	Suspense	1,266	2,260	1.78

Hereford Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	1	1,080	1,470	1 36
1879	1	939	1,474	1.57
1880	3	943	1,738	1.85
1881				
1882	3	954	1,626	1.70
1883	4	1,041	1,539	1.47
1884	8	1,056	1,405	1.33
1885	5	995	1,605	1.61

First Premium Animals 2 and under 3 years.

Year....	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller	No. 23	1,080	1,470	1.36
1879	"	Alex	939	1,474	1.57
1880	"	Will	866	1,650	1,91
1881					
1882	Earl & Stuart	Wabash	1,077	1,940	1.80
1883	A. A. Crane & Son	My Maryland	1,061	1,715	1.61
1884	Indiana Blooded Stock Co.	Prince	996	1,860	1.86
1885	Geo. Leigh & Co	Sampson	925	1,610	1 74

Hereford Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878				
1879	3	577	1,230	2.15
1880	1	710	1.115	1.57
1881				
1882	1	697	1,330	1.90
1883	7	610	1,132	1.85
1884	4	682	1,287	1.89
1885	2	532	1,125	2.11

First Premium Animals 1 and under 2 years.

Year...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878					
1879	T. L. Miller	General	712	1,397	1.96
1880	G. S. Burleigh	Advance	710	1,115	1.57
1881					
1882	A. A. Crane & Son	My Maryland	697	1,330	1.90
1883	C. M. Culbertson	Choctaw	714	1,460	2.04
1884	Indiana Blooded Stock Co.	Rosy Duke	655	1,250	1 81
1885	Geo. Leigh & Co	Slasher	507	1,195	2.36

Hereford Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	3	2,176	1,630	0.78
1879	2	3,663	1,615	0.56
1880	5	1,350	1,720	1.27
1881	3	1,782	1,435	0.82
1882	5	2,880	1,672	0.65
1883	2	1,976	1,676	0.96

First Premium Animals 3 years old or over.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller	Jennie	1,677	1,595	0.95
1879	"	Jennie	2,018	1,730	0.85
1880	"	Maid of Orleans.	1,350	1,720	1.27
1881	"	Maid of Mist	2,243	1,560	0.69
1882	"	Princess Alice	3,943	1,800	0.45
1883	C. M. Culbertson	Kathleen [Maud	1,347	1,710	1.27

DEVONS.

Devon Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	2	655	1,757	1.06
1879				

First Premium Animals 4 years old or over.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Sanford Saun	May Boy	1,658	1,645	0.99
1879					

Devon Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	2	1,319	1,565	1.18
1879	1	1,335	1,509	1.12
1880	2	1,330	1,220	0.93
1881	2	1,298	1,152	0.88
1882				
1883				
1884				
1885				

First Premium Animals 3 and under 4 years.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Thomas Bidwell	Postman	1,371	1,655	1.21
1879	L. F. Ross	Buck	1,335	1,509	1.12
1880	Thomas Bidwell	Major	1,335	1,270	0.97
1881	L. Rawson	Broad	1,268	1,075	0.84
1882					
1883					
1884					
1885					

Devon Steer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878				
1879				
1880	1	849	1,250	1.46
1881	3	926	977	1.05
1882				
1883				
1884				
1885				

First Premium Animals 2 and under 3 years.

Year	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878					
1879					
1880	L. F. Ross	Honest Tom	849	1,250	1.46
1881	L. Rawson	Jerry	969	975	1.00
1882					
1883					
1884					
1885					

Devon Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878				
1879	1	483	844	1.74
1880				
1881	3	609	792	1.30
1882				
1883				
1884				
1885				

First Premium Animals 1 and under 2 years.

Year	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878					
1879	L. F. Ross	Honest Tom	483	844	1.74
1880					
1881	L. Rawson	Jim	614	835	1.36
1882					
1883					
1884					
1885					

Devon Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	1	1,905	1,200	0.63
1879	2	2,475	1,115	0.51
1880				
1881				
1882				
1883				

First Premium Animals 3 years old or over.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878*					
1879	L. F. Ross	Marilla	3,490	1,264	0.36
1880					
1881					
1882					
1883					

* No premium awarded in 1878.

ABERDEEN-ANGUS.

Aberdeen-Angus—Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883	1	1,380	2,355	1.70
1884	1	1,404	1,890	1.35
1885				

First Premium Animals 3 and under 4 years.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883	Geary Bros	Black Prince	1,380	2,355	1.70
1884	M. H. Cochrane	Netherwo'd Jock.	1,404	1,890	1.35
1885					

Aberdeen-Angus—Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883	1	999	1,815	1.82
1884				
1885	4	892	1,712	1.92

First Premium Animal 2 and under 3 years.

Year....	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883	M. H. Cochrane	Waterside Jock..	999	1,815	1.82
1884					
1885	Jas. J. Hill	Wildy	1,009	1,770	1.75

Aberdeen-Angus—Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884	4	525	1,248	2.38
1885	1	593	1,470	2.48

First Premium Animals 1 and under 2 years.

Year....	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883					
1884	T. W. Harvey	Paris Favorite...	634	1,316	2.07
1885	Gudgell & Simpson	Sandy	593	1,470	2.48

Aberdeen-Angus—Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885	1	304	920	3.03

First Premium Animal under 1 year.

Year....	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1885	Gudgell & Simpson	Alex	304	920	3.03

Aberdeen-Angus—Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883	3	2,698	1,703	0.70

First Premium Animal 3 years old or over.

Year ...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883	M. H. Cochrane	Duchess 2d.....	1,770	1,820	1.03

HOLSTEIN.

Holstein Steer, Barren or Spayed Cow 3 years and under.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	1	1,338	1,450	1.08
1885.....	1	1,412	2,080	1.47

First Premium Animals 3 and under 4 years.

Year ...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
*1184	.....	.....	.....	.....	.....
*1885	.....	.....	.....	.....	.....

*No first premium awarded.

Holstein—Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	1	1,048	1,800	1.72
1885.....	.....	.....	.....	.....

First Premium Animals 2 and under 3 years.

Year ...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
*1884	.....	.....	.....	.....	.....
*1885	.....	.....	.....	.....	.....

*No first premium awarded.

Holstein—Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885.....	1	276	690	2.50

First Premium Animals under 1 year.

Year ...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
*1885	....	.....	--	.....	.....

*No first premium awarded.

SUSSEX.

Sussex—Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885.....	1	705	1,380	1.96

First Premium Animals 1 and under 2 years.

Year ...	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
*1885	.... ---	--	.....	.....	.....

*No first premium awarded.

GRADES OR CROSSES.

Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	12	1,815	2,491	1.37
1879.....	17	1,923	2,373	1.25

1878—11 Grade Short-Horns; 1 Grade Hereford.

1879—15 Grade Short-Horns; 1 Grade Hereford; 1 Grade Devon.

First Premium Animals 4 years old or over.

Year	Exhibitor.	Name of Animal.	Breed.	Age in days..	Weight	Av. gain per days in lbs. since birth.
1878	D. M. Moninger.....	Horace Greeley.....	Grade Short-Horn....	2,058	2,480	1.20
1879	T. L. Miller.....	Ben.....	Grade Hereford.....	1,780	2,134	1.19

Grades or Crosses—Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	10	1,296	2,032	1.56
1879	29	1,262	1,946	1.18
1880	18	1,267	1,924	1.54
1881	34	1,259	1,943	1.54
1882	24	1,261	2,034	1.61
1883	16	1,302	2,152	1.61
1884	22	1,286	2,071	1.61
1885	29	1,293	2,071	1.60

1878— 9 Grade Short-Horns; 1 Grade Hereford.
1879—20 Grade Short-Horns; 7 Grade Herefords; 2 Grade Devons.
1880—16 Grade Short-Horns; 2 Grade Herefords.
1881—29 Grade Short-Horns; 5 Grade Herefords.
1882—17 Grade Short-Horns; 7 Grade Herefords.
1883—12 Grade Short-Horns; 4 Grade Herefords.
1884—16 Grade Short-Horns; 4 Grade Herefords; 2 Hereford Short-Horns.
1885—13 Grade Short-Horns; 13 Grade Herefords; 2 Grade Angus; 1 Grade Holstein.

First Premium Animals 3 and under 4 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878	J. D. Gillett	John Sherman	Grade Short-Horn	1,328	2,185	1.65
1879	J. W. Hunt	Thad. Stevens	" "	1,294	1,986	1.53
1880	J. H. Graves	Morrow	" "	1,411	2,030	1.44
1881	T. L. Miller	Conquerer	Grade Hereford	1,190	2,145	1.80
1882	D. M. Moninger	Tom Brown	Grade Short-Horn	1,174	1,945	1.65
1883	C. M. Culbertson	Roan Boy	Grade Hereford	1,415	2,125	1.50
1884	John Ross & Son	Charley Ross	Grade Short-Horn	1,250	2,265	1.81
1885	Fowler & Van Natta	Regulus	Grade Hereford	1,306	2,345	1.79

GRADES OR CROSSES.

Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	13	935	1,651	1.73
1879	31	954	1,710	1.77
1880	20	904	1,721	1.89
1881	33	955	1,625	1.70
1882	19	951	1,753	1.85
1883	20	957	1,762	1.85
1884	47	963	1,718	1.78
1885	33	956	1,721	1.80

1878—11 Grade Short-Horns; 2 Grade Herefords.
1879—31 Grade Short-Horns.
1880—16 Grade Short-Horns; 4 Grade Herefords.
1881—28 Grade Short-Horns; 4 Grade Herefords; 1 Hereford-Short-Horn.
1882—13 Grade Short-Horns; 6 Grade Herefords.
1883—13 Grade Short-Horns; 7 Grade Herefords.
1884—25 Grade Short-Horns; 15 Grade Herefords; 1 Grade Holstein; 1 Grade Angus; 5 Short-Horn-Angus.
1885—25 Grade Short-Horns; 6 Grade Herefords; 1 Grade Holstein; 1 Hereford Jersey.

First Premium Animals 2 and under 3 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878	J. D. Gillett.....	Number 47.....	Grade Short-Horn....	962	1,885	1.96
1879	J. W. Hunt.....	Peter Cooper.....	" "	932	1,532	1.64
1880	A. F. More.....	Hawks.....	" "	940	1,900	2.02
1881	J. W. Hunt.....	Red Lord.....	" "	1,045	1,765	1.68
1882	D. M. Moninger.....	Grinnell.....	" "	1,011	1,850	1.83
1883	Fowler & Van Natta...	Benton's Champion...	Grade Hereford.....	933	1,910	2.02
1884	Morrow & Renick.....	Eales.....	Grade Short-Horn....	1,053	2,048	1.94
1885	J. H. Potts & Son.....	Richmond.....	" "	909	1,545	1.71

Grades or Crosses—Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	2	678	1,470	2.16
1879.....	14	538	1,307	2.42
1880.....	22	590	1,290	2.20
1881.....	5	665	1,288	1.93
1882.....	17	600	1,318	2.20
1883.....	70	594	1,239	2.11
1884.....	27	618	1,286	2.08
1885.....	33	617	1,322	2.14

1878— 2 Grade Short-Horns.
1879—14 Grade Short-Horns.
1880—18 Grade Short-Horns; 3 Grade Herefords; 1 Grade Devon.
1881— 3 Grade Short-Horns; 2 Grade Herefords.
1882— 7 Grade Short-Horns; 10 Grade Herefords.
1883—28 Grade Short-Horns; 42 Grade Herefords.
1884—17 Grade Short-Horns; 6 Grade Herefords; 1 Grade Holstein; 1 Grade Aberdeen; Angus; 1 Hereford-Texan; 1 Hereford-Jersey.
1885—13 Grade Short-Horns; 15 Grade Herefords; 3 Grade Angus; 1 Grade Holstein; 1 Hereford-Short-Horn.

First Premium Animals 1 and under 2 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878	J. D. Gillett	Number 66.....	Grade Short-Horn...	656	1,420	2.15
1879	" "	McMullen	" "	605	1,196	1.97
1880	D. M. Moninger.....	Perfection	" "	671	1,395	2.07
1881	J. H. Potts & Son.....	Major.....	" "	719	1,565	2.17
1882	" "	Red Major.....	" "	715	1,600	2.23
1883	J. G. Imboden	Scratch.....	" "	630	1,640	2.60
1884	Fowler & VanNatta...	Joseph	Grade Hereford	688	1,530	2.22
1885	Adams Earl	Sir Bartle 2d.....	" "	591	1,515	2.56

Grades or Crosses—Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884	10	281	757	2.70
1885	25	292	798	2.73

1884—3 Grade Short-Horns; 7 Grade Herefords.
1885—7 Grade Short-Horns; 17 Grade Herefords; 1 Grade Augus.

First Premium Animals under 1 year.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1884	J. R. Price & Son	Lindall	Grade Hereford	350	920	2.62
1885	" "	Excelsior	" "	314	895	2.85

Grades or Crosses—Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878				
1879				
1880	1	4,225	1,770	0.41
1881	2	1,663	1,722	1.06
1882	3	1,773	1,896	1.07
1883	3	1,558	2,005	1.32

1880—1 Grade Short-Horn.
1881—1 Grade Short-Horn; 1 Grade Hereford.
1882—3 Grade Short-Horns.
1883—3 Grade Short-Horns.

First Premium Animals 3 years old or over.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878						
1879						
1880	H. A. Bassett	Spot	Grade Short-Horn	4,225	1,770	0.41
1881	J. D. Gillett	Lady Peerless	" "	1,268	1,520	1.19
1882	" "	" "	" "	1,644	1,880	1.14
1883	Can. W. F. S. Ass'n	Canada's Pride	" "	1,320	2.185	1.65

ALL BREEDS AND GRADES BY AGES.

Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	14	1,876	2,405	1.28
1879	19	1,782	2,330	1.31

1878—2 Short-Horns; 9 Grade Short-Horns; 1 Hereford; 1 Grade Hereford; 1 Devon.

1879—5 Short-Horns; 11 Grade Short-Horns; 1 Herefords; 1 Grade Hereford.

Prize Animals 4 years old or over.

Year.	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton	Young Mary No. 1.	Short-Horn	1,902	2,440	1.28
1879	J. D. Gillett	Vanderbilt	Grade Short-Horn	1,573	2,118	1.34

ALL BREEDS AND GRADES BY AGES.

Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	8	1,229	2,031	1.55
1879	19	1,281	1,965	1.51
1880	18	1,269	1,885	1.49
1881	25	1,263	1,961	1.55
1882	20	1,278	2,030	1.59
1883	22	1,318	2,093	1.56
1884	29	1,312	2,016	1.54
1885	3	1,332	2,272	1,70

1878—7 Grade Short-Horns; 1 Grade Hereford.

1879—2 Short-Horns; 10 Grade Short-Horns; 2 Herefords; 3 Grade Herefords; 2 Grade Devons.

1880—4 Short-Horns; 8 Grade Short-Horns; 1 Hereford; 3 Grade Herefords; 2 Devons.

1881—19 Grade Short-Horns; 2 Herefords; 4 Grade Herefords.

1882—4 Short-Horns; 10 Grade Short-Horns; 6 Grade Herefords.

1883—1 Short-Horn; 12 Grade Short-Horns; 4 Herefords; 4 Grade Herefords; 1 Polled Angus.

1884—7 Short-Horns; 13 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Hereford-Short-Horn; 1 Aberdeen-Angus; 2 Galloways.

1885—1 Short-Horn; 1 Hereford; 1 Grade Hereford.

Prize Animals 3 and under 4 years.

Year	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight	Average gain per day in lbs. since birth ...
1878	J. D. Gillett	John Sherman.....	Grade Short-Horn	1,328	2,185	1.65
1879	J. H. Graves	Nicholas	" "	1,335	2,060	1.54
1880	C M. Culbertson	Mossy Coat	Grade Hereford	1,310	1,875	1 43
1881	J. D. Gillett	McMullen	Grade Short-Horn	1,237	2,095	1 69
1882	D. M. Moninger.....	Tom Brown.....	" " ...	1,174	1,945	1.65
1883	Geary Bros	Plack Prince.....	Polled Angus	1,380	2,355	1.70
1884	Fowler & VanNatta ...	Benton's Champion ...	Grade Hereford	1,301	2,300	1.76
1885	" ...	Regulus	" "	1,306	2,345	1.79

ALL BREEDS AND GRADES BY AGES.

Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	13	935	1,651	1.73
1879	21	953	1,705	1.78
1880	22	915	1,752	1.91
1881	27	983	1,672	1.70
1882	17	971	1,783	1 84
1883	27	954	1,723	1.81
1884	52	963	1,720	1.79
1885	4	936	1,635	1.75

1878—5 Short-Horns; 6 Grade Short-Horns; 2 Grade Herefords.

1879—3 Short-Horns; 17 Grade Short-Horns; 1 Hereford.

1880—5 Short-Horns; 9 Grade Short-Horns; 3 Herefords; 4 Grade Herefords; 1 Devon.

1881—6 Short-Horns; 15 Grade Short-Horns; 4 Grade Herefords; 1 Hereford Short-Horn; 1 Devon.

1882—6 Grade Short-Horns; 2 Herefords; 6 Grade Herefords.

1883—3 Short-Horns; 14 Grade Short-Horns; 3 Herefords; 6 Grade Herefords; 1 Polled Angus.

1884—8 Short-Horns; 23 Grade Short-Horns; 6 Herefords; 13 Grade Herefords; 1 Hereford Angus; 1 Grade Aberdeen-Angus.

1885—1 Short-Horn; 1 Hereford; 1 Aberdeen-Angus.

Prize Animals 2 and under 3 years.

Year	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight	Average gain per day in lbs. since birth ...
1878	J. D. Gillett	Steer No. 60	Grade Short-Horn	962	1,625	1.69
1879	J. W. Hunt	Victoria Duke	" "	932	1,532	1.64
1880	F. L. Miller.....	Conqueror	Grade Hereford	832	1,845	2.21
1881	David Grant	Echard	Grade Short-Horn	880	1,500	1.70
1882	Earl & Stuart.....	Wabash	Hereford	1,077	1 940	1.80
1883	Can. W. F. S. Associa'n	Clarence Kirklevingt'n	Short-Horn	1,009	2,045	2 02
1884	J. P. Gillett	Barney	Grade Short-Horn	1,074	1,951	1.81
1885	Geo. Leigh & Co.....	Aurora	Hereford	925	1,610	1.74

All Breeds and Grades by Ages—Steer or Spayed Heifer 1 and under 2 years.

Year,	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	5	674	1,419	2.10
1879	14	572	1,276	2 25
1880	15	647	1,376	2.13
1881	6	656	1,212	1.84
1882	13	596	1,355	2.30
1883	53	602	1,240	2 07
1884	28	614	1,296	2.11
1885	4	547	1,367	2.50

1878—3 Short-Horns; 2 Grade Short-Horns.
1879—4 Short-Horns; 7 Grade Short-Horns; 2 Herefords; 1 Grade Hereford.
1880—1 Short-Horn; 9 Grade Short-Horns; 1 Hereford; 1 Grade Hereford; 1 Grade Devon; 2 Short-Horn Herefords.
1881—3 Grade Short-Horns; 2 Grade Herefords; 1 Devon.
1882—3 Short-Horns; 5 Grade Short-Horns; 1 Hereford; 4 Grade Herefords.
1883—7 Short-Horns; 21 Grade Short-Horns; 5 Herefords; 20 Grade Herefords.
1884—3 Short-Horns; 11 Grade Short-Horns; 3 Herefords; 6 Grade Herefords; 1 Hereford-Jersey; 2 Aberdeen-Angus; 1 Grade Aberdeen-Angus; 1 Grade Holstein.
1885—1 Short-Horn; 1 Hereford; 1 Aberdeen-Angus; 1 Grade Hereford.

Prize Animals 1 and under 2 years.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days..	Weight.....	Av. gain per day in lbs. since birth..
1878	J. N. Brown's Sons....	Duke of Sangamon....	Short-Horn.....	650	1,480	2.28
1869	J. D. Gillett.....	Clare S. Reed.....	Grade Short-Horn.....	544	1,3 0	2 39
1880	T L. Miller.....	Kansas.....	Grade Hereford.....	696	1,580	2 27
1881	J. H. Potts.....	Major.....	Grade Short-Horn.....	719	1,5 5	2.17
1882	J. H. Potts & Son.....	Red Major.....	" "	715	1,600	2.23
1883	J. G. Imboden.....	Scratch	" "	712	1,450	2.03
1884	J. R. Peak & Son	Roan Boy.....	" "	612	1,249	2.02
1885	Elbert & Fall.....	Cleveland.....	Short-Horn.....	497	1,290	2.59

All Breeds and Grades by ages—Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884	9	283	763	2 70
1885	3	285	783	2.75

1884—3 Grade Short-Horns; 6 Grade Herefords.
1885—1 Short-Horn; 1 Aberdeen-Angus; 1 Grade Hereford.

First Premium Animals under 1 year.

Year	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight	Av. gain per day in lbs since birth.
1884	J. R. Price & Son	Lindall	Grade Hereford.....	350	920	2 62
1885	"	Excelsior.....	"	314	.....	.....

All Breeds and Grades by ages—Cow 3 years old and over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	6	2,282	1,720	0.85
1879	10	2,442	1,728	0 77
1880	5	2,934	1,669	0 68
1881	8	1,891	1,659	0.89
1882	9	2,051	1,816	0.96
1883	16	2,229	1,783	0.88

1878—4 Short-Horns; 2 Herefords.
1879—8 Short-Horns; 1 Hereford; 1 Devon.
1880—3 Short-Horns; 1 Grade Short-Horn; 1 Hereford.
1881—3 Short-Horns; 1 Grade Short-Horn; 3 Herefords; 1 Grade Hereford.
1882—6 Short-Horns; 2 Grade Short-Horns; 1 Hereford.
1883—6 Short-Horns; 3 Grade Short-Horns; 4 Herefords; 2 Holstein; 1 Polled Angus.

Prize Animals—Cow 3 or over.

Year.	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller	Jennie	Hereford	1,677	1,595	0.95
1879	R. K. & A. S. Brownlee	Red Bettie	Short-Horn	2,035	1,769	0.86
1880	W. Scott	Forest Queen 2d.	"	2,136	1,710	0.80
1881	Ca. W. Farm S. Ass'on	Lady Aberdeen 3d	"	1,873	1,875	1.00
1882	J. H. Potts & Son	Acorn 6th	"	1,434	1,865	1.32
1883	Ca. W. Farm S. Ass'on	Canada's Pride	Grade Short-Horn	1,320	2,185	1.65

Sweepstakes.

Best Animal shown in Lot for Short-Horns.

Year.	Exhibitor.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1884	Ca. W. Farm S. Ass'on	C. Kirklevington.	1,372	2,400	1.74
1885	Elbert & Fall	Cleveland	497	1,290	2.59

Best Animal shown in Lot for Herefords.

1884	Indiana Blooded Stock Co.	Prince	996	1,860	1.86
1885	" "	Suspense	1,266	2,260	1.78

Best Animal shown in Lot for Aberdeen-Angus.

1884	M. H. Cochrane	Netherwood Jock	1,404	1,890	1.35
1885	James J. Hill	Benholm	1,022	1,955	1 91

Best Animal shown in Lot for Grades and Crosses.

Year.....	Exhibitor.	Name of Animal.	Breed.	Age in days.	Weight	Av. gain per day in lbs. since birth.
1884	Jno. Ross & Son.....	Charley Ross.....	Grade Short-Horn....	1,250	2,265	1.81
1885	Fowler & VanNatta....	Regulus	Grade Hereford.....	1,306	2,345	1.79

GRAND SWEEPSTAKES ANIMALS.

1878	John D. Gillett.....	John Sherman.....	Grade Short-Horn....	1,328	2,185	1.65
1879	J. H. Graves	Nichols	"	1,335	2,060	1.54
1880	"	John Sherman.....	" ...	1,701	2,465	1 44
1881	John D. Gillett.....	McMullen	"	1,237	2,095	1.69
1882	"	"	"	1,613	2 565	1 59
1883	C. M. Culbertson.....	Roan Boy.....	Grade Hereford.....	1,415	2.125	1.50
1884	Can. W. F. Stk. Ass'n..	Clarence Kirklevingt'n	Short-Horn	1,372	2,400	1.74
1885	Fowler & VanNatta ...	Regulus	Grade Hereford.....	1,306	2,345	1.79

Lot Cattle, 4 years old or over.

Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	10	1,534	2,245	1.48
1879.....	6	2,155	2,399	1.13
1879.....	6	1,599	2,147	1.34
Average	.....	1,764	2,264	1.32

1878—First car, 6 Short-Horns and 4 Grade Short-Horns.

1879—Second car, 2 Short-Horns and 4 Grade Short-Horns.

1879—Third car, 6 Grade Short-Horns.

Premium Lot Cattle, 4 years old or over.

Year....	Exhibitor.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton.....	10	1,539	2,245	1.48
1879	John D. Gillett	6	1,599	2,147	1.34

Lot Cattle, 3 and under 4 years.

Lot	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1	1878	10	1,394	2,047	1.48
2	1879	8	1,247	2,017	1.55
3	1879	8	1,261	2,030	1.59
4	1879	8	1,280	1,868	1.45
5	1880	8	1,285	1,922	1.49
6	1880	8	1,255	1,985	1.56
7	1881	8	1,267	2,048	1.61
8	1881	8	1,291	1,957	1.52
9	1881	8	1,290	1,985	1.54
10	1881	8	1,266	1,925	1.52
11	1882	8	1,304	2,026	1.56
12	1882	8	1,271	2,101	1.65
13	1882	8	1,254	2,163	1.72
14	1882	8	1,338	1,760	1.31
15	1883	8	1,338	2,073	1.55
16	1883	8	1,255	2,098	1.59
17	1884	5	1,205	1,840	1.53
18	1884	5	1,238	1,830	1.48
19	1884	5	1,359	2,133	1.57
20	1884	4	1,275	1,941	1.52
21	1885	5	1,278	2,021	1.58
22	1885	5	1,268	1,961	1.55
23	1885	5	1,294	2,007	1.55
24	1885	5	1,342	1,990	1.49
25	1885	5	1,259	2,132	1.69
26	1885	5	1,357	2,156	1.59
27	1885	5	1,306	2,030	1.55
28	1885	5	1,361	2,108	1.55
	Average		1,291	2,005	1.55

No. 1, 10 Grade Short-Horns; No. 2, 8 Grade Short-Horns; No. 3, 8 Grade Short-Horns; No. 4, 1 Hereford, 7 Grade Herefords; No. 5, 8 Grade Short-Horns; No. 6, 8 Grade-Short-Horns; No. 7, 8 Grade Short-Horns; No. 8, 8 Grade Short-Horns; No. 9, 5 Short-Horns, 3 Grade Short-Horns; No. 10, 8 Grade Short-Horns; No. 11, 8 Grade Short-Horns; No. 12, 8 Grade Short-Horns; No. 13, 8 Grade Short-Horns; No. 14, 8 Grade Short-Horns; No. 15, 1 Short-Horn, 5 Grade Short-Horns, 2 Grade Herefords; No. 16, 8 Grade Herefords; No. 17, 3 Short-Horns, 2 Grade Short-Horns; No. 18, 5 Grade Short-Horns; No. 19, 5 Grade Short-Horns; No. 20, 1 Hereford, 3 Grade Herefords; No. 21, 5 Grade Herefords; No. 22, 4 Herefords, 1 Grade Hereford; No. 23, 5 Grade Short-Horns; No. 24, 5 Grade Short-Horns; No. 25, 5 Grade Short-Horns; No. 26, 2 Grade Angus, 3 Angus-Short-Horns; No. 27, 3 Herefords, 1 Grade Hereford; No. 28, 4 Short-Horns, 1 Grade Short-Horn.

First Premium Lot Cattle, 3 and under 4 years.

Year.	Exhibitor.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	J. D. Gillett	10	1,394	2,057	1.48
1879	"	8	1,247	2,047	1.55
1880	"	8	1,255	1,985	1.56
1881	"	8	1,267	2,048	1.61
1882	"	8	1,271	2,101	1.65
1883	J. B. Sherman	8	1,338	2,073	1.55
1884	J. D. Gillett	5	1,359	2,133	1.57
1885	Indiana Blooded Stock Co.	5	1,306	2,030	1.55

Lot Cattle, 2 and under 3 years.

Lot	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1	1878	10	1,025	1,667	1.63
2	1878	10	1,102	1,759	1 60
3	1879	10	965	1,818	1.87
4	1879	10	918	1,695	1.77
5	1879	10	945	1,648	1.74
6	1880	10	925	1,705	1.84
7	1881	10	905	1,726	1.91
8	1881	10	934	1,475	1.58
9	1882	10	1,013	1,864	1.84
10	1882	10	932	1,826	1.96
11	1882	10	977	1,551	1 59
12	1883	10	948	1,665	1.76
13	1883	10	922	1,715	1.87
14	1884	5	976	1,771	1.81
15	1884	5	904	1,478	1.63
16	1884	5	950	1,741	1.83
17	1884	5	941	1,594	1.70
18	1884	5	928	1,631	1.76
19	1884	5	1,024	1,842	1 80
20	1884	5	917	1,713	1.87
21	1884	5	994	1,718	1.73
22	1884	5	978	1,792	1.83
23	1884	5	977	1,637	1.67
24	1884	5	1,009	1,730	1.71
25	1884	5	961	1,789	1.86
26	1885	5	928	1,685	1.81
27	1885	5	990	1,777	1.79
28	1885	5	959	1,852	1.93
29	1885	5	936	1,669	1 78
30	1885	5	1,029	1,838	1.79
31	1885	5	961	1,667	1.73
32	1885	5	949	1,695	1.78
	Average		963	1,710	1.77

No. 1, 10 Grade Short-Horns; No. 2, 10 Grade Short-Horns; No. 3, 10 Grade Short-Horns; No. 4, 10 Grade Short-Horns; No. 5, 1 Short-Horn and 9 Grade Short-Horns; No. 6, 10 Grade Short-Horns; No. 7, 10 Grade Short-Horns; No. 8, 2 Short-Horns and 8 Grade Short-Horns; No. 9, 10 Grade Short-Horns; No. 10, 10 Grade Short-Horns; No. 11, 10 Grade Herefords; No. 12, 10 Grade Short-Horns; No. 13, 10 Grade Short-Horns; No. 14, 3 Short-Horns, 2 Grade Short-Horns; No. 15, 5 Grade Short-Horns; No. 16, 3 Herefords, 2 Grade Herefords; No. 17, 3 Herefords, 2 Grade Herefords; No. 18, 5 Grade Short-Horns; No. 19, 4 Short-Horns, 1 Grade Short-Horn; No. 20, 4 Grade Short-Horns, 1 Grade Hereford; No. 21, 5 Grade Short-Horns; No. 22, 5 Grade Short-Horns; No. 23, 1 Hereford, 4 Grade Herefords; No. 24, 1 Grade Short-Horn, 4 Short-Horn-Angus; No. 25, 5 Grade Herefords; No. 26, 1 Short-Horn, 4 Grade Short-Horns; No. 27, 3 Short-Horns, 2 Grade Short-Horns; No. 28, 5 Grade Short-Horns; No. 29, 5 Grade Short-Horns; No. 30, 1 Hereford, 4 Grade Herefords; No. 31, 1 Short-Horn, 4 Grade Short-Horns; No. 32, 2 Short-Horns, 3 Grade Short-Horns.

First Premium Lot Cattle 2 and under 3 years.

Year.	Exhibitor.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	J. D. Gillett	10	1,025	1,667	1.63
1879	"	10	965	1,818	1.87
1880	"	10	925	1,705	1.84
1881	"	10	905	1,726	1.91
1882	D. M. Moninger	10	1,013	1,864	1.84
1883	J. D Gillett	10	922	1,715	1.87
1884	Fowler & VanNatta	5	961	1,789	1.86
1885	"	5	1,029	1,838	1.79

Lot Cattle, 1 and under 2 years.

Lot.	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1	1878				
2	1879	12	541	1,313	2.42
3	1880	13	549	1,187	2.20
4	1881				
5	1882	12	526	1,158	2 20
6	1883	12	623	1,183	2 01
7	1883	12	620	1,249	2.02
8	1883	11	679	1,350	1.99
9	1883	12	601	1,241	2.06
10	1883	12	577	1,161	2.01
11	1884	5	595	1,319	2.22
12	1884	5	617	1,281	2.08
13	1884	5	623	1,294	2.08
14	1884	5	678	1,425	2.10
15	1885	5	693	1,394	2.01
16	1885	5	596	1,405	2.36
17	1885	5	619	1,206	1.95
18	1885	5	613	1,406	2 29
19	1885	5	588	1,235	2.10
	Average		608	1,283	2.11

No. 2, 12 Grade Short-Horns; No. 3, 12 Grade Short-Horns; No. 5, 12 Grade Short-Horns No. 6, 1 Hereford, 11 Grade Herefords; No. 7, 2 Herefords, 10 Grade Herefords; No. 8, 3 Short-Horns, 7 Grade Short-Horns; No. 9, 12 Grade Short-Horns; No. 10, 12 Grade Short-Horns; No. 11, 1 Short-Horn, 4 Grade Short-Horns; No. 12, 2 Short-Horns, 3 Grade Short-Horns; No. 13, 5 Grade Short-Horns; No. 14, 1 Hereford 4 Grade Herefords; No. 15, 5 Grade Herefords; No. 16, 5 Grade Herefords; No. 17, 5 Grade Short-Horns; No. 18, 5 Grade Short-Horns; No. 16, 5 Grade Herefords.

First Premium Lot Cattle 1 and under 2 years.

Year.	Exhibitor.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878					
1879	J. D. Gillett	12	541	1,313	2.42
1880	"	12	549	1,187	2.20
1881					
1882	J. D Gillett.	12	526	1,158	2 20
1883	Fowler & VanNatta	12	620	1,249	2 02
1884	J. H. Potts & Son	5	595	1,319	2.22
1885	Adams Earl	5	596	1,405	2.36

Lot Cattle under 1 year.

Lot.	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1	1885	5	294	753	2 56
2	1885	5	338	881	2.61
3	1885	5	280	746	2.66
	Average		304	793	2.61

No. 1, 1 Short-Horn; 4 Grade Short-Horns; No. 2, 5 Grade Herefords; No. 3, 5 Grade Herefords.

First Premium Lot Cattle under 1 year.

Year....	Exhibitor.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1885	J. A. Funkhouser.....	5	280	746	2.66

Heaviest Fat Steer.

Year ...	Exhibitor.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Charles Miller.....	Gr. Short Horn..	2,162	3,155	1.45
1879	J. B. Sherman.....	" "	2,403	2 840	1.18
1880	" "	" "	2,705	3,130	1.13
1881	" "	" "	1,633	2,435	1.49
1882	" "	" "	2,769	3,050	1 10
1883	" "	" "	1,977	2.720	1.37
1884	" "	" "	3,498	3 220	.92
1885	J. D. Gillett.....	" "	1,949	2,860	1.47

GAIN PER DAY.

Steers Showing Most Rapid Growth.

Premium Steer 4 years old or over.

1878	Van Meter & Hamilton	Gr. Short-Horn..	1,663	2.605	1.56
1879	J. H. Graves	" " ..	1,613	2,820	1.74

Premium Steer, Barren or Spayed Cow, 3 and under 4 years.

1878	Van Meter & Hamilton	Gr. Short-Horn..	1,298	2,305	1.70
1879	John D. Gillett.	" " ..	1,269	2,307	1.81
1880	" "	Short-Horn	1,250	2,215	1.77
1881	" "	Gr. Short-Horn..	1,176	2,130	1.81
1882	H. & I. Goff.	Short-Horn	1,305	2,535	1.94
1883	John D. Gillett.	Gr. Short-Horn..	1,222	2.445	2.00
1884	" "	" " ..	1,250	2,340	1.87
1885	Fowler & Van Natta.	Gr. Hereford.....	1,266	2,345	1.85

Entries 1880—1 Grade Short-Horn; 1 Devon.
" 1881—1 Short-Horn; 7 Grade Short-Horns; 2 Grade Herefords.
" 1882—2 Short-Horns; 4 Grade Short-Horns; 3 Grade Herefords.
" 1883—6 Grade Short-Horns; 1 Hereford.
" 1884—1 Short-Horn; 8 Grade Short-Horns; 1 Grade Hereford; 1 Hereford-Short-Horn.
" 1885—9 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Grade Holstein.

Premium Steer or Spayed Heifer 2 and under 3 years.

Year.	Exhibitor.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	J. N. Brown's Sons	Short-Horn	783	1,585	2.02
1879	J. D. Gillett	Gr. Short-Horn	977	2,081	2.12
1880	T. L. Miller	Grade Hereford	832	1,845	2.21
1881	J. D. Gillett	Gr. Short-Horn	872	1,935	2.21
1882	"	" "	858	2,220	2.59
1883	John Ross & Son	" "	751	1,660	2.21
1884	Tom C. Ponting	Grade Hereford	867	1,815	2.09
1885	John D. Gillett	Gr. Short-Horn	868	1,865	2.15

Entries 1880—3 Short-Horns; 5 Grade Short-Horns; 2 Grade Herefords.
" 1881—9 Grade Short-Horns; 1 Grade Hereford.
" 1882—3 Grade Short-Horns; 2 Herefords; 3 Grade Herefords.
" 1883—3 Short-Horns; 7 Grade Short-Horns; 1 Grade Hereford.
" 1884—3 Short-Horns; 9 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Grade Aberdeen-Angus.
Entries 1885—1 Short-Horn; 11 Grade Short-Horns; 2 Herefords; 3 Grade Herefords; 2 Aberdeen-Angus; 1 Grade Holstein.

Premium Steer or Spayed Heifer 1 and under 2 years.

1878	J. N. Brown's Sons	Short Horn	650	1,480	2.28
1879	J. D. Gillett	Gr. Short-Horn	553	1,373	2.67
1880	Cobb & Phillips	" "	485	1,450	2 47
1881	J. H. Potts & Son	" "	719	1,565	2.17
1882	Cobb & Phillips	Short-Horn	384	1,140	2 97
1883	"	Gr. Short-Horn	381	1,045	2.74
1884	Ind. Blooded Stock Co	Ab.-Angus	410	1,125	2.74
1885	B. Waddel	Gr. Short-Horn	365	1,065	2.92

Entries 1880—1 Short-Horn; 7 Gr. Short-Horns; 1 Gr. Hereford; 1 Hereford Short-Horn
" 1881—3 Devons; 3 Grade Short-Horns; 2 Grade Herefords.
" 1882—2 Short-Horns; 7 Grade Short-Horns; 3 Grade Herefords.
" 1883—1 Short-Horn; 7 Grade Short Horns; 7 Grade Herefords.
" 1884—2 Short-Horns; 6 Grade Short-Horns; 3 Grade Herefords; 3 Aberdeen-Angus; 1 Grade Angus; 1 Grade Holstein.
Entries 1885—4 Grade Short-Horns; 2 Herefords; 7 Grade Herefords; 1 Aberdeen-Angus; 2 Grade Aberdeen-Angus; I Sussex.

Premium Steer or Spayed Heifer under 1 year.

1884	B. Waddel	Gr. Short-Horn	238	932	3 24
1885	"	"	118	405	3.43

Entries 1883—8 Grade Short-Horns; 5 Grade Herefords.
" 1885—1 Aberdeen-Angus; 1 Grade Angus; 3 Gr. Short-Horns; 13 Gr. Herefords.

COST OF PRODUCTION.

The average net profit per head realized on the twenty competing animals from 1 to 12 months of age, was $15.09. The fourteen competing animals from 1 to 24 months of age returned a profit of $13 07 per head. There was an average loss per head of $26 99 on the five steers fed from 1 to 36 months of age. The average cost of production per pound for the several periods named in the following tables is as follows: Steer 1 to 12 months of age, $4.04 per 100 pounds live weight; steer 1 to 24 months of age, $5.00 per 100 pounds; steer 1 to 36 months of age, $7.17 per 100 pounds. Three Grade Short-Horn steers at 12 months of age were produced at an average cost of $3.24 per 100 pounds, and averaged 983 pounds each at the age named. This is the best showing made in the following tables, which give the cost of production of twenty-six steers from 1 to 12 months of age; fourteen steers from 1 to 24 months of age, and five steers from 1 to 36 months of age.

COST OF PRODUCTION.

Year.....	Breed.	Number animals.	Average cost production per head to Nov. 10, 1885.	Average weight Nov. 10, 1885.	Average value per head Nov. 10, 1885, at $6 per 100 lbs.	Net profit per head Nov. 10, 1885.	Average cost production per 100 lbs. to Nov. 10, 1885.
1885	Grade Short-Horn.	2	$33 00	632	$37 92	$4 92	$4 93
1885	Grade Hereford.....	3	24 83	795	47 70	12 87	3 21

COMPARISON.

Gr. Short-Horns av....	2	$33 00	632	$37 92	$4 92	$4 93
Gr. Herefords average.	3	24 83	795	47 70	12 87	3 21
Average	2	$28 92	713	$42 81	$8 89	$4 07
1885 Grade Short-Horn..	2	$33 00	632	$37 92	$4 92	$4 93
1885 Grade Hereford.....	3	24 83	795	47 70	12 87	3 21

Steer or Spayed Heifer 1 to 12 months old.

Year.....	Breed.	Number animals.	Average cost production per head 1 to 12 mos.	Average weight at 12 mos.	Average value per head at 12 mos. at $6 per 100 lbs.	Net profit per head at 12 mos.	Average cost production per 100 lbs. 1 to 12 mos.
1882	Short-Horn	3	$51 43	1,030	$61 80	$10 37	$5 03
1883	"	1	56 64	1,000	60 00	3 36	5 66
1884	.....	.....	.....	.....	.....	.....	.....
1885	.....	.....	.....	.....	.....	.....	.....
	Average	1	$54 03	1,015	$60 90	$6 86	$5 34
1882	Grade Short-Horn..	3	$31 96	983	$59 00	$28 04	$3 24
1883	" ..	7	34 88	1,044	62 66	27 78	3 34
1884	.....	.....	.....	.....	.....	.....	.....
1885	Grade Short-Horn..	9	25 07	758	45 48	20 41	3 31
	Average	6	$30 64	928	$55 71	$25 41	$3 30
1882	Hereford	.....	.....	.....	.....	.....	.....
1883	"	1	$23 75	700	$42 00	$18 25	$3 39
1884	"	.....	.....	.....	.....	.....	.....
1885	"	.....	.....	.....	.....	.....	.....
	Average	1	$23 75	700	$42 00	$18 25	$3 39
1882	Grade Hereford.....	3	$28 19	737	$44 20	$16 01	$3 82
1883	"	2	24 35	590	35 40	11 05	4 15
1884	"	.....	.....	.....	.....	.....	.....
1885	"	.....	.....	.....	.....	.....	.....
	Average	2	$26 27	663	$39 80	$13 53	$3 98

COMPARISON.

Short-Horns average...	2	$54 03	1,015	$60 90	$6 86	$5 34
Grade Short-Horns av..	6	30 64	928	55 71	25 41	3 30
Herefords average.....	1	23 75	700	42 00	18 25	3 33
Grade Herefords av.....	2	24 35	590	35 40	11 05	4 15
Average	3	$33 19	808	$48 50	$15 39	$4 04

Year.....	Breed.	Number animals.	Average cost production per head 1 to 12 mos.	Average weight at 12 mos.	Average value per head at 12 mos. at $6 per 100 lbs.	Net profit per head at 12 mos.	Average cost production per 100 lbs. 1 to 12 mos.
1882	Grade Short-Horn..	3	$31 96	983	$59 00	$28 04	$3 24
1882	Grade Hereford.....	3	28 19	737	44 20	16 01	3 82
1883	Short-Horn	1	56 64	1,000	60 00	3 36	5 66
1883	Grade Short-Horn..	7	34 88	1,044	62 66	27 78	3 34
1883	Hereford	1	23 75	700	42 00	18 25	3 39
1883	Grade Hereford. ...	2	24 35	590	35 40	11 05	4 15
1885	Grade Short-Horn..	9	25 07	758	45 48	20 41	3 31

COST OF PRODUCTION.

Steer or Spayed Heifer 1 to 24 months old.

Year.....	Breed.	Number animals.	Average cost production per head 1 to 24 mos.	Average weight at 24 mos.	Average value per head at 24 mos. at $6 per 100 lbs.	Net profit per head at 24 mos.	Average cost of producti'n per 100 lbs. 1 to 24 mos.
1882	Short-Horn	1	$86 80	1,600	$96 00	$9 20	$5 42
1883	" "	1	100 36	1 500	90 00	*10 36	6 69
1884	" "	.....	.....	.....	.....	.....	.....
1885	" "	.....	.....	.....	.....	.....	.....
	Average	1	$93 58	1,550	$93 00	*0 58	$6 05
1882	Grade Short-Horn.	3	$79 23	1,530	$91 80	$12 57	$5 17
1883	" " .	3	88 39	1,778	106 70	17 81	4 99
1884	" " .	.....	.....	.....	.....	.....	.....
1885	" " .	5	59 14	1,410	84 60	25 46	4 19
	Average	4	$75 59	1,573	$94 37	$18 61	$4 78
1882	Hereford.....	.....	.....	.....	.....	.....	.....
1883	"	1	$52 35	1,100	$66 00	$13 65	$4 76
1884	"	.....	.....	.....	.....	.....	.....
1885	"	.....	.....	.....	.....	.....	.....
	Average.....	1	$52 35	1,100	$66 00	$13 65	$4 76
1882	Grade Hereford....	1	$61 61	1,370	$82 20	$20 59	$4 42
1883	" "	.....	.....	.....	.....	.....	.....
1884	" "	.....	.....	.....	.....	.....	.....
1885	" "	.....	.....	.....	.....	.....	.....
	Average.....	1	$61 61	1,370	$82 20	$20 59	$4 42

COMPARISON.

Short-Horns average.	1	$93 58	1,550	$93 00	*$0 58	$6 05
Grade Short-Horns av.	4	75 59	1,573	94 37	18 61	4 78
Herefords average.....	1	52 35	1,100	66 90	13 65	4 76
Grade Herefords av....	1	61 61	1,370	82 20	20 59	4 42
Average	2	$70 78	1,398	$84 12	$13 07	$5 00

1882	Grade Short-Horn.	3	$79 23	1,530	$91 80	$12 57	$5 17
1882	Grade Hereford....	1	61 61	1,370	82 20	20 59	4 42
1883	Short-Horn .	1	100 36	1,500	90 00	*10 36	6 69
1883	Grade Short-Horn.	3	88 89	1,778	106 70	17 81	4 99
1883	Hereford.....	1	52 35	1,100	66 00	13 65	4 76
1885	Grade Short-Horn.	5	59 14	1,410	84 60	25 46	4 19

* Loss.

COST OF PRODUCTION.

Steer or Spayed Heifer 1 to 36 months old.

Year.....	Breed.	Number animals.	Average cost production per head 1 to 36 mos.	Average weight at 36 mos.	Average value per head at 36 mos. at $6 per 100 lbs.	*Net loss per head at 36 mos.	Average cost production per 100 lbs. 1 to 36 mos.
1882	Short-Horn.....	1	$167 29	2,250	$135 00	$32 29	$7 43
1883	" "	.....	.....	.....	.....	.....	.....
1884	" "	.....	.....	.....	.....	.....	.....
1885	" "	.....	.....	.....	.....	.....	.....
	Average.....	1	$167 29	2,250	$135 00	$32 29	$7 43
1882	Grade Short-Horn.	1	$167 29	2,250	$135 00	$32 29	$7 43
1883	" " .	1	186 36	2,450	147 00	39 36	7 60
1884	" " .	.....	.....	.....	.....	.....	.....
1885	" " .	3	99 47	1,767	106 02	†6 55	5 63
	Average.....	2	$151 04	2,156	$129 34	$21 70	$6 89

† Gain.

COMPARISON.

Year	Breed.	Number Animals.	Average cost production per head, 1 to 36 months.	Average weight at 36 months.	Average value per head at 36 months, at $6 per 100 pounds.	*Net loss per head at 36 months.	Average cost production per 100 lbs. 1 to 36 months.
	Short-Horn, av. ..	1	$167 29	2,250	$135 00	$32 29	$7 43
	Gr. Short-Horn,av	2	151 04	2,156	129 34	21 70	6 89
	Average	1	$159 16	2,203	$132 17	$26 99	$7 16
1882..	Grade Short-Horn	1	$167 29	2,250	$135 00	$32 29	$7 43
1883..	" "	1	186 36	2,450	147 00	39 36	7 60
1885..	" "	3	99 47	1,767	106 02	†6 55	5 63

* Steers of extra quality, such as these statistics represent, frequently sell for more than the estimated price of $6 per 100 pounds live weight.

† Gain.

COST OF PRODUCTION.

The following table gives the average cost of production of animals competing in this ring for the past three years:

Animals under 1 year old.

Items.	Five head, 1885.
Average value of animals at birth, $5.	
" " milk consumed	$15 13
" " grain consumed	2 52
" " hay and forage consumed	1 00
" " pasture consumed	2 25
" " other food consumed	1 88
" expense for care	2 80
" gain in pounds	730
" cost of production per 100 pounds on gain	$4 19
" weight	730
" cost feed and care	$30 58
" value at $6 per 100 pounds	43 80
" net profit or loss at time of show	13 22

Animals 1 to 12 months old.

Items.	Nine head 1882.	Six head 1883.	Nine head 1885.
Average value of animals at birth, $5.			
" " milk consumed	$15 86	$12 53	$7 13
" " grain consumed	13 63	8 82	2 59
" " hay and forage consumed	2 46	1 78	1 71
" " pasture consumed	1 75	3 72	4 64
" annual expense for care	5 00	4 00	4 00
" gain during the year in pounds	917	926	758
" cost of production per 100 lbs. on the year's gain.	$4 03	$3 70	$3 31
" weight at close of year	917	926	758
" cost feed and care	$39 19	$33 93	$25 07
" value at close of year at $6 per 100 pounds	55 00	55 58	45 48
" net profit or loss at close of year	15 81	21 65	20 41

Animals 12 to 24 months.

Items.	Five head 1882.	Four head 1883.	Five head 1885.
Average value grain consumed	$29 33	$28 48	$18 55
" " hay and forage consumed	8 06	5 66	3 52
" " pasture consumed	2 46	8 20	6 00
" annual expense for care	5 00	6 00	6 00
" gain during year in pounds	562	587	690
" cost of production per 100 lbs. on the year's gain.	$7 98	$8 12	$4 94
" weight at close of year	1512	1587	1410
" cost feed and care	$44 85	$47 25	$34 07
" value at close of year at $6 per 100 lbs	90 72	95 22	84 60
" net profit or loss at close of year	6 68	14 04	25 46

Animals 24 to 36 months.

Items.	Two head. 1882.	One head. 1883.	Three head. 1885.
Average value grain consumed	$48 00	$59 64	$27 38
" " hay and forage consumed	16 00	.....	4 27
" " pasture consumed	6 50	.....	7 50
" " other food consumed	6 00	.....	.....
" annual expense for care	5 00	9 00	9 00
" gain during year in pounds	6 50	2 00	3 67
" cost of production per 100 pounds on the year's gain	12 54	4 18	7 97
" weight at close of year	22 50	24 50	17 67
" cost of feed and care	81 50	83 64	18 15
" value at close of year at $6 per 100 pounds.	135 00	147 00	17 67
" net profit or loss at close of year	*30 54	*17 82	6 55

*Loss.

Comparison First Prize Animals of the Several Breeds of Cattle Exhibited in 1884.

Steer, Barren or Spayed Cow, 3 and under 4 years.

Breed.	Age in days.	Welght.	Average gain per day in lbs. since birth.
Short-Horn	1,425	2,210	1.55
Hereford	1,266	2,260	1.78
Grades or Crosses	1,306	2,345	1.79

Steer or Spayed Heifer 2 and under 3 years.

Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
Short-Horn	905	1,615	1.78
Hereford	925	1,610	1.74
Aberdeen-Angus	905	1,545	1.71
Grades or Crosses	1,009	1,770	1.75

Steer or Spayed Heifer 1 and under 2 years.

Short-Horn	497	1,290	2.59
Hereford	507	1,195	2 36
Aberdeen-Angus	593	1,470	2.48
Grades or Crosses	591	1,515	2.56

Steer or Spayed Heifer under 1 year.

Grades or Crosses	314	895	2.85
Short-Horn	237	535	2.26
Aberdeen-Angus	304	920	3.03

Dressed Carcass.

Weights of Various Parts of Slaughtered Animals.

Age, 3 and under 4 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Average gain per day in lbs., since birth	Live weight at slaughter	Weight dressed carcass	Per cent. net carcass to gross weight	Weight, carcass, hide and tallow	Per ct. profitable wt., carcass, hide and tallow, to gr. or live wt.	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
Adams Earl, Lafayette, Ind	Dick	Gr. Hereford	1,252	1.72	2,135	1,498	.70	1,748	.82	139	111	395	383	365	355
" "	Excelsior	"	1,302	1.59	2,055	1,417	.69	1,623	.79	112	94	378	375	335	329
J. H. Potts & Son, Jacksonville	Surprise	Gr. Short-Horn	1,136	1.48	1,670	1,086	.65	1,246	.75	77	93	281	280	263	262
Lucien Scott, Leavenworth, Kas	Gottlieb	Holstein	1,412	1.47	2,145	1,314	.61	1,591	.74	165	112	337	345	313	319
" "	Boots	Grade Holstein	1,293	1.59	2,000	1,307	.65	1,536	.77	134	95	346	351	309	301
" "	Jessie	Grade Hereford	1,204	1.21	1,445	929	.64	1,107	.77	104	74	223	222	240	244
James J. Hill, St. Paul, Minn	Hutcheon	Grade Angus	1,357	1.81	2,375	1,614	.68	1,870	.79	143	113	435	422	381	376
" "	Turriff	"	1,383	1.55	2,060	1,404	.68	1,631	.79	124	103	385	382	320	317
" "	Kinloss	"	1,305	1.62	2,055	1,407	.68	1,632	.79	126	99	371	369	336	331
J. D. Gillett, Elkhart	Lookover	Gr. Short-Horn	1,292	1.49	1,870	1,297	.69	1,484	.79	90	97	349	350	303	295
Swan & Bosler Land and Cattle Co., Indianola, Ia.	Jim	Hereford	1,304	1.38	1,785	1,199	.67	1,402	.79	106	97	304	314	295	286
Indiana Blooded Stock Co., Indianapolis, Ind	Suspense	"	1,266	1.78	2,220	1,519	.68	1,775	.80	131	125	391	398	364	366
Fowler & VanNatta, Fowler, Ind	Regulus	Grade Hereford	1,326	1.79	2,280	1,560	.68	1,815	.80	148	107	401	407	377	375
1885..	Average 13 animals		1,293	1.57	2,007	1,350	.67	1,574	.78	123	101	353	354	323	320
1884..	" 10 "		1,312	1.57	2,025	1,383	.67	1,589	.78	114	96	364	362	330	323
1883..	" 5 "		1,363	1.51	2,018	1,384	.68	1,659½	.82	164½	111	376	369	326	313
1882.	" 5 "		1,218	1.46	1,776	1,178	.66	1,425	.80	144	102	319	313	271	275
1881..	" 3 "		1,284	1.44	1,846	1,283	.67	1,420	.77	92	95	337	338	285	272
1880..	" 3 "		1,256	1.41	1,725	1,181	.68	1,453	.84	171	100	314	307	275	285
1879..	" 3 "		1,267	1.42	1,790	1,183	.66	1,456	.81	177	97	318	310	282	272

Dressed Carcass—Continued.

First Premium Animals.

Year	Name of Animal.	Breed.	Age in days	Average gain per day in lbs. since birth	Live wt. at slaughter.	Weight dressed carcass	Per cent. net carcass to gross weight	Weight carcass, hide and tallow	Per ct. profitable wt., carcass, hide and tallow, to gr's or live wt.	Tallow	Hides	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
1885..	Turriff	Grade Angus	1,383	1.55	2,060	1,404	.68	1,631	.79	124	103	385	382	320	317
1884..	Clarence Kirklevington	Short-Horn	1,372	1.74	2,370	1,659½	.70	1,906½	.80	152	95	449	432½	400½	377½
1883..	Starlight	Grade Short-Horn	1,416	1.54	2,105	1,430	.68	1,699½	.81	167½	102	387	379	340	324
1882..	Sir Richard	Hereford	1,121	1.57	1,690	1,149	.68	1,375	.81	118½	107½	295	290	277	287
1881..	Broad Horns	Grade Hereford	1,291	1 42	1,830	1,227	.67	1,399	.76	68	103	345	340	277	265
1880..	Alex	Hereford	1,183	1.58	1,850	1,250	.67	1,545	.83	184	111	327	318	295	310
1879..	Barney	Grade Hereford	1,274	1.56	1,963	1,317	.67	1,618	.82	195	106	371	354	305	287

Age 3 and under 4 years—*Continued.*

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head.....	Weight of feet.....	Weight of paunch....	Weight of guts.....	Weight of liver.....	Weight of heart	Weight of tongue	Weight of lungs.....	Weight of trimmings.	Weight of blood.....	Loss of weight by shrinkage.....	Weight of unprofitable parts.....	Perct. unprofitable wt. including shrinkage to gross or live wt..
Adams Earl, Lafayette, Ind.....	Dick	Grade Hereford..	40	20	118	43	15	6	11	17	23	44	50	337	.18
" "	Exelsior	" " ..	37	21	141	41	17	8	11	19	18	52	67	365	.21
J. H. Potts & Son, Jacksonville.....	Surprise.....	Gr. Short-Horn..	32	21	92½	47	16	5	8½	17	10	43	122	292	.25
Lucien Scott, Leavenworth, Kas	Gottlieb	Holstein	42	26	197	49	24	8	13½	23	17	70	84½	469½	.26
" "	Boots	Grade Holstein..	40	24	150	57	21½	8	10½	23	13	62	55	409	.23
" "	Jessie	Grade Hereford..	27	14	106	45	14	5½	8	13	15	36	54½	283½	.23
Jas. J. Hill, St. Paul, Minn.....	Hutcheon	Grade Angus.....	41	24	165	57	20	9	13	24	17	47	88	417	.21
" "	Turriff	" "	33	22	149	47	16	7	10	20	13	51	61	368	.21
" "	Kinloss	" "	40	21	155	39	15	6	11	20	16	56	44	379	.21
J. D. Gillett, Elkhart	Lookover	Gr. Short-Horn..	36	23	139	44	13	5½	9	15	12	51	38½	347½	.21
Swan & Bosler Land and Cattle Co., Indianola, Ia	Jim	Hereford	38	19	115	48¼	14½	4	11	22	15	41½	54¾	328¼	.21
Indiana Blooded Stock Co., Indianapolis, Ind.	Suspense.....	"	45½	24	145	47	14½	5	12	20	16	54	62	383	.20
Fowler & VanNatta, Fowler, Ind	Regulus	Grade Hereford.	46	22	185	57	17	8	11	20	18	51	30	435	.20
1885..	Average 13 animals.....		38¼	21½	143	47¾	16¾	6½	10¾	19½	15½	50¾	62¾	370½	.22
1884..	" 10 "		38	21	144	55	16	7	11	19	16	50	60	376	.22
1883..	" 5 "		39¼	20	185	20	16½	4	10	16½	.....	53½	42½	358½	.19
1882..	" 5 "		40	19	122	32	13	6	6	9	.....	50	52	351	20
1881..	" 3 "		34	21	149	56	17	6½	11½	22	11	41	56	.....	.23
1880..	" 3 "		30½	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1879..	" 3 "		50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Dressed Carcass—Continued.

First Premium Animals.

	Name of Animal.	Breed.	Weight of head	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Weight of trimmings	Weight of blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per cent. unprofitable wt., including shrinkage, to gr. or live wt.
1884..	Clarence Kirklevington	Short-Horn	44	23	118	80	18	9	13	23	24	53	58½	405	.20
1883..	Starlight	Grade Short-Horn	37½	21	168	22	18½	5	9	17	.....	54	54	406	.19
1882..	Sir Richard	Hereford	39	20	131	25	13½	5	6	8½	.....	44	23	315	.19
1881..	Broad Horns	Grade Hereford	36½	19	138	55½	15	6½	13	24½	10	41	72	.....	.23
1880..	Alex	Hereford	32½	18½	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1879..	Barney	Grade Hereford	55	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Weights of Various Parts of Slaughtered Animals—Age 2 and under 3 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Average gain per day in lbs., since birth	Live wt. at slaughter.	Weight dressed carcass	Per cent. net carcass to gross weight	Weight carcass, hide and tallow	Per ct. profitable wt. carcass, hide and tallow to gr. or live wt.	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
C. S. Barclay, West Liberty, Ia.	Snowball	Short-Horn	1,078	1.56	1,615	1,075	.66	1,262	.78	103	84	298	289	250	245
Seabury & Sample, Lafayette, Ind.	Joe	Gr. Hereford.	910	1.87	1,700	1,128	.66	1,324	.78	103	93	292	290	277	269
Adams Earl, Lafayette, Ind.	Elkington	Hereford	1,023	1 57	1,650	1,055	.64	1,268	.77	119	94	277	273	258	247
J. R. Peak & Son, Winchester	Roan Boy	Gr. Sh't-Horn	976	1.73	1,630	1,113	.68	1,292	.79	93	86	283	294	268	268
John P. Gillett, Elkhart	Driver	"	967	1.82	1,670	1,154	.69	1,335	.80	81	100	294	307	284	269
George Leigh & Co., Aurora	Bendigo	Hereford	891	1.59	1,449	932	.65	1,100	.76	69	99	248	247	218	219
Fowler & Van Natta, Fowler, Ind.	Dandy Boy	Gr. Hereford.	1,017	1.87	1,800	1,215	.67	1,434	.80	113	106	319	316	293	287
Lucien Scott, Leavenworth, Kas.	Captain	Gr. Holstein.	999	1.92	1,880	1,237	.66	1,477	.79	129	111	315	323	300	299
" "	Faith	Gr. Hereford.	962	1.50	1,415	970	.69	1,129	.80	95	64	259	258	233	220
B. Hershey, Muscatine, Ia.	Champion	Hereford	1,073	1 56	1,660	1,023	.62	1,215	.73	66	126	274	266	244	239
W. S. White, Sabetha, Kas	Roan Twin	Short-Horn	1,026	1 91	1,935	1,340	.69	1,539	.80	105	94	340	344	326	330
Forbes Bros., Henry	Reuben Broadus.	Gr. Sh't Horn	1,017	1.77	1,755	1,153	.66	1,367	.78	121	93	311	310	270	262
" "	Varna	"	976	1.73	1,660	1,092	.66	1,286	.78	102	92	290	290	259	253
James J. Hill, St. Paul, Minn.	Benholm	Ab.-Angus	1,022	1.91	1,895	1,353	.71	1,543	.81	110	80	351	365	324	313
John D. Gillett, Elkhart	Red Plum	Gr. Sh't-Horn	828	1.88	1,470	985	.67	1,168	.79	103	80	264	259	229	233
1885 Average 15 animals			984	1.75	1,678	1,122	.67	1,315	78	101	93	294	295	269	263
1884 " 11 "			975	1 71	1,631	1,089	.67	1,257	.77	77	91	281	280	264	263
1883 " 4 "			986	1.74	1.785	1,203	.67	1,452	.81	163	86	342	320	271	270
1882 " 3 "			999	1.68	1,735	1,115	.64	1,321¼	.76	101½	105	294	285	272	264
1881 " 2 "			.....	.....	1,460	977	.66	1,145	.78	81	87	267	242	232	235
1880 " 2 "			.....	.....	1,461	974	.66	1,209	.82	145	90	260	253	227	233

Dressed Carcass—Continued.

First Premium Animals.

	Name of Animal.	Breed.	Age in days	Average gain per day in lbs. since birth	Live weight at slaughter	Weight dressed carcass.	Per cent. carcass and head to gross weight	Weight of carcass, hide and tallow	Per cent. profi tabl wt. carcass, hide and tallow to gr. or live wt.	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
1885	Joe	Grade Hereford	910	1.87	1,700	1,128	.66	1,324	.78	103	93	292	290	277	269
1884	Abernethy	Grade Aberdeen-Angus	832	1.98	1,605	1,059½	.66	1,220½	.76	75	86	279½	276½	256	247½
1883	Waterside Jock	Aberdeen-Angus	999	1.82	1,785	1,203	.67	1,452	.81	163	86	342	320	271	270
1882	Jay	Grade Hereford	972	1.78	1,735	1,115	.64	1,321¼	.76	101½	105	294	285	272	264
1881	Echard	Grade Short-Horn	.....	.....	1,460	977	.66	1,145	.78	81	87	267	242	232	235
1880	Blank	" "	.....	.....	1,461	974	.66	1,209	.82	145	90	260	253	227	233

Age 2 and under 3 years—*Continued*.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight of head	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Weight of trimmings	Weight of blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per ct unprofitable wt. including shrinkage, to gross or live wt.
C. S. Barclay, West Liberty, Ia	Snowball	Short-Horn	34	18½	136	41	15	7	9	16	11½	44	21	332	.22
Seabury & Semple, Lafayette, Ind	Joe	Grade Hereford	35	19½	132	57	13	6	11	15½	10	52	25	351	.22
Adams Earl, Lafayette, Ind	Elkington	Hereford	34	17	130	53	13	5½	9½	15	14	34	57	325	.23
J. R. Peak & Son, Winchester	Roan Boy	Gr. Short-Horn	32	19½	116	40	12½	6	8½	15½	12½	49	26½	311½	.21
John P. Gillett, Elkhart	Red Plum	" "	29½	17	116	29	13	6	7½	16	12	32½	56½	278½	.20
Geo. Leigh & Co., Aurora	Bendigo	Hereford	31	18	82	38	13	6½	7	12	12	35	85½	254½	.24
Fowler & VanNatta, Fowler, Ind	Dandy Boy	Grade Hereford	38	22	125	46	16	6½	11	16	14	47	24½	341½	.20
L. Scott, Leavenworth, Kas	Captain	Grade Holstein	39	23½	144	44	20½	7	9	17	23	34	42	361	.21
" "	Faith	Grade Hereford	28½	14	100	33	12	5	8	15	12	36	22½	263½	.20
B. Hershey, Muscatine, Ia	Champion	Hereford	41	19	150	35	13	5	9	14	18½	30	110½	334½	.27
W. S. White, Sabetha, Kas	Roan Twin	Short-Horn	36	21	136	49	16½	7½	9½	18	11	46	45½	350½	.20
Forbes Bros., Henry	Reuben Broadus	Gr. Short-Horn	37	21	133	47	16½	7½	7½	19½	6	58½	34½	353½	.22
" "	Varna	" "	37½	23	123	51	14	8	9	20	7	49	32½	341½	.22
Jas. J Hill, St. Paul, Minn	Benholm	Aberdeen-Angus	34½	20	122	46	15	6½	10	21	14½	39½	23	329	.19
John D. Gillett, Elkhart	Driver	Gr. Short-Horn	36	20	120	33	14½	5	11	18	9½	32½	2½	299½	.21
1885..	Average 15 animals		35	19½	124½	43	14½	6	9	16½	12½	41¼	41½	321½	.22
1884..	" 11 "		34	19	126	50	15	5	9½	17	15	39	45	329	.23
1883..	" 4 "		33	19	134	21	14½	3	9	17	.....	45	32	327	.19
1882..	" 3 "		40	20	131	43	11	6	6	9	.....	40	53	362	.24
1881..	" 2 "		35	18	111	46	12	5	9	17	11	44	28	.....	.21
1880..	" 2 "		28	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Dressed Carcass—Continued.

First Premium Animals.

	Name of Animal.	Breed.	Weight of head	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Weight of trimmings	Weight of blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per cent. unprofitable wt., including shrinkage, to gr. or live wt.
1885..	Joe	Grade Hereford	35	19½	132	57	13	6	11	15½	10	52	25	352	.22
1884..	Abernethy	Grade Aberdeen-Angus	30	20	144	49	15	6	9	15	15	41	40½	344	.24
1883..	Waterside Jock	Aberdeen-Angus	21	18½	142	22	18	3½	10½	17	.....	49	21	333½	.18
1882..	Jay	Grade Hereford	43	23	148	48	15	5½	6	11	.....	39	75	413½	.24
1881..	Echard	Grade Short-Horn	37	18	94½	40½	12½	5	.....	.....	.....	.....	.....	.....	.17
1880..	Blank	" "	28	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Age 1 and under 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Average gain per day since birth.....	Live weight at slaughter	Weight dressed carcass.....	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow.	Per ct. profitable wt. (carcass, hide, tallow) to gross or live wt...	Tallow.....	Hide.	Left fore quarter.....	Right fore quarter....	Left hind quarter	Right hind quarter...
Adams Earl, Lafayette, Ind.....	Sir Bartle 1st....	Grade Hereford..	713	2.06	1,455	966	.66	1,159	.80	89	104	248	254	232	232
J. R. Peak & Son, Winchester..... ..	Tommylin.....	Gr. Short-Horn..	621	1.83	1,100	692	.63	820	.74	60	68	170	169	178	175
Swan & Bosler Land and Cattle Co., Indianola, Ia.....	Roan Dan.....	Grade Hereford.	470	2.46	1,130	721	.64	872	.77	75	76	184	184	176	176
John D. Gillett, Elkhart	Bob	Gr. Short-Horn..	506	2.41	1,225	803	.65	944	.77	63	78	212	210	191	190
Fowler & VanNatta, Fowler, Ind.....	Sam....	Grade Hereford.	697	1.94	1,285	823	.64	988	.77	80	85	208	207	203	205
Overton Lea, Nashville, Tenn	Rosy.....	Sussex.....	705	1.95	1,325	886	.67	1,041	.79	68	87	234	231	214	207
Lucien Scott, Leavenworth, Kas.....	Last Chance.....	Grade Holstein..	689	1.89	1,275	800	.63	952	.75	68	84	206	205	197	192
Estill & Elliott, Estill, Mo.....	Charlie	Angus-St.-Horn.	589	2.22	1,275	834	.65	974	.76	66	74	216	218	202	198
B. Waddel, Marion, O.....	Phillip....	Gr. Short-Horn..	365	2.92	960	595	.62	702	.73	29	78	154	153	143	145
Elbert & Fall, Albia, Ia.....	Cleveland	Short-Horn	497	2.59	1,250	849	.68	989	.79	74	66	216	210	213	210
J. H. Potts & Son, Jacksonville.....	Bob Moore.....	Gr. Short-Horn..	685	1.93	1,270	836	.66	972	.77	61	75	209	208	209	210
1885..	Average 11 animals.....		594	2.20	1,232	800	.65	916	.77	67	79	205	204	196	195
1884..	" 6 "		618	2.04	1,240	789	.64	916	.74	52	75	203	201	194	191
1883..	" 4 "		604	1.97	1,153	726	.62	898	.78	81	90	187	185	179	175
1882..	" 3 "		601	2.04	1,193	769	.63	924	.77	73	81	194	193	192	188
1881..	" 1 "		622	2.05	1,197	730	.60	883	.73	70	83	195	185	175	175
1880..	" 1 "		643	1.93	1,217	816	.67	1,021	.83	121	84	206	203	203	203

Dressed Carcass—Continued.

First Premium Animals.

Year	Name of Animal.	Breed.	Age in days	Average gain per day since birth	Live wt. at slaughter	Weight dressed carcass	Per cent net carcass to gross weight	Weight carcass, hide and tallow	Per ct. profitable wt. (carcass, hide, tallow) to gross or live wt.	Tallow	Hide	Left fore quarter	Right fore quarter	Left hind quarter	Right hind quarter
1885	Rosy	Sussex	705	1.95	1,325	886	.67	1,041	.79	68	87	234	231	214	207
1884	Quality	Grade Aberdeen-Angus	613	2 08	1,220	811	.66	938	.77	52	75	212	211	197	191
1883	Harry	Hereford	713	1.97	1,369	888	.65	1,079	.79	84½	106½	230	228	218	212
1882	Red Major	Grade Short-Horn	715	2.23	1,540	1,028	.66	1,221	.79	97	96	250	257	257	255
1881	Bailey	Grade Hereford	622	2.05	1,197	730	.60	883	.73	70	83	195	185	175	175
1880	Monroe	Hereford-Short-Horn	643	1.93	1,217	816	.67	1,021	.83	121	84	206	203	203	203

Age 1 and under 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight head.....	Weight feet.....	Weight paunch.....	Weight guts.....	Weight liver.....	Weight heart.....	Weight tongue.....	Weight lungs.....	Weight trimmings.....	Weight blood.....	Loss of weight by shrinkage.....	Weight unprofitable parts.....	Per ct. unprofitable wt. including shrinkage, to gross or live wt....
Adams Earl, Lafayette, Ind.....	Sir Bartle 1st.....	Grade Hereford.	31½	18	90	48	15	5	9	14½	12½	33½	19	277	.20
J. R. Peak & Son, Winchester.....	Tommylin.....	Gr. Short-Horn..	24½	15	129	33	11	4½	6½	14	6½	25	11	269	.26
Swan & Bosler Land and Cattle Co., Indianola, Ia.....	Roan Dan.....	Grade Hereford.	27	15	87	36	11	4½	7	12	9½	32	17	241	.23
John D. Gillett, Elkhart.....	Bob.....	Gr. Short-Horn..	28½	18½	103	35	11	4	9	12	15	24½	20½	260½	.23
Fowler & VanNatta, Fowler Ind.....	Sam.....	Grade Hereford.	29	16½	118	48	13½	4½	7	13½	10½	21	15½	281½	.23
Overton Lea, Nashville, Tenn.....	Rosy.....	Sussex.....	32	16½	111	37	14	5	8½	14	16	27	3	281	.21
Lucien Scott, Leavenworth, Kas.....	Last Chance.....	Grade Holstein..	29	20	130	45	15	5½	9½	16½	8	30	14½	308½	.25
Estill & Elliott, Estill, Mo.....	Charlie.....	Angus-St.-Horn.	27½	16	119	35	11½	5	8½	14½	10	30½	23½	277½	.24
B. Waddel, Marion, O.....	Phillip.....	Gr. Short-Horn..	23½	15	103	25	11	4	6½	15	7	26½	21½	236½	.27
Elbert & Fall, Albia, Ia.....	Cleveland.....	Short-Horn.....	26	15	91	36	12½	4½	9	13	9	30½	14½	246½	.21
J. H. Potts & Son, Jacksonville.....	Bob Moore.....	Gr. Short-Horn..	26	17	116	31	11½	5	7	15½	9½	29½	30	268	.23
1885..	Average 11 animals.....		27¾	16½	109	37	12½	4¾	8	14	10¼	28¼	18	268	.23
1884..	" 6 "		27	17	113	42	12	5	8	14	10	30	45	279	.26
1883..	" 4 "		28	15½	101	17	11	3	8	13	.....	34½	40	270	.23
1882..	" 3 "		28	15	92	30	11	4	5	9	.....	33	39	269	.23
1881..	" 1 "		38	15½	87	37	13	5	8½	17	17	51½	25	.....	.26
1880..	" 1 "		23	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Dressed Carcass—Continued.

First Premium Animals.

Year	Name of Animal.	Breed.	Weight head	Weight feet	Weight paunch	Weight guts	Weight liver	Weight heart	Weight tongue	Weight lungs	Weight trimmings	Weight blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per ct. unprofitable wt. including shrinkage to gross or live wt.
1885	Rosy	Sussex	32	16½	111	37	14	5	8½	14	16	27	3	281	.21
1884	Quality	Grade Aberdeen-Angus	25	16	91	40	12	5	7	14	10	30	32	250	.23
1883	Harry	Hereford	32½	18	101	18	13	3½	9½	14	.....	35½	83	328	.24
1882	Red Major	Grade Short-Horn	31	20	106	35	12	4	6	12	.....	52	41	319	.21
1881	Bailey	Grade Hereford	38	15½	87	37	13	5	8½	17	17	51½	25	.....	.26
1880	Monroe	Hereford-Short-Horn	23	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Age, under 1 year.

	Name of Animal.	Breed.	Age in days.....	Average gain per day since birth.	Live weight at slaughter.....	Weight of dressed carcass or four quarters	Per cent. net carcass or quarters to gross weight.	Weight carcass, hide and tallow.	Per cent. of profitable wt. of carcass, hide and tallow to gross or live wt.....	Weight of tallow.	Weight of hide...	Weight of left fore quarter.....	Weight of right fore quarter.....	Weight of left hind quarter.....	Weight of right hind quarter....
Jno. Yeomans		Grade Hereford	325	2.97	930	562	.60	674	.73	36	76	140½	139½	142½	139½
1884..	Average, 1 animal.....		325	2.97	930	562	.60	674	.73	36	76	140½	139½	142½	139½

First Premium Animal.

1884..	Jno. Yeomans.....	Grade Hereford	325	2.97	930	562	.60	674	.73	36	76	140½	139½	142½	139½

Dressed Carcass—Continued.

Age, under 1 year—*Continued.*

	Name of Animal.	Breed.	Weight of head.	Weight of feet	Weight of paunch	Weight of guts	Weight of liver	Weight of heart	Weight of tongue	Weight of lungs	Hide trimmings	Weight of blood	Loss of weight by shrinkage	Weight of unprofitable parts	Per cent. unprofitable wt., including shrinkage, to gross or live weight
Jno. Yeomans		Grade Hereford	21	15	97	41	11	3	7	12	7	30	12	244	.27
1884..	Average, 1 animal		21	15	97	41	11	3	7	12	7	30	12	244	.27

First Premium Animal.

1884..	Jno. Yeomons	Grade Hereford	21	15	97	41	11	3	7	12	7	30	12	244	.27

Average weights of the rings of the various breeds of Cattle and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885 Fat-Stock Shows:

Breeds.	Steer 4 years old or over.....	Steer, Barren or Spayed Cow years old and under 4 years.	Steer or Spay'd Heifer 2 years old and under 3 y ars.....	Steer or Spay'd He fer 1 year old and under 2 years.....	Steer or Spay'd Heifer under 1 1 year.....	Cow 3 years old or over.....
Short-Horn. 1878	2,262	2,087	1,621	1,335	.....	1,733
" 1879	2,358	2,039	1,624	1,267	.....	1,786
" 1880	.....	2,172	1,801	1,590	.....	1,618
" 1881	.....	2,093	1,634	.....	.....	1,756
" 1882	.....	2,141	.....	1,288	.....	1,808
" 1883	.....	1,955	1,765	1 222	.....	1,797
" 1884	.....	1,981	1,738	1,261	.....	.....
" 1885	.....	2,055	1,747	1,325	535	.....
Average	2,310	2,065	1,704	1,334	535	1,748
Hereford, 1878	2,010	1,735	1,470	.....	.....	1,630
" 1879	1,994	1,973	1,474	1,230	.....	1,615
" 1880	.....	1,875	1,738	1,115	.....	1,720
" 1881	.....	1,947	.....	.....	.....	1,455
" 1882	.....	1,765	1,626	1,330	.....	1,672
" 1883	.....	1,952	1,534	1,132	.....	1,680
" 1884	.....	1,817	1,405	1,287	.....	.....
" 1885	.....	1,967	1,605	1,125	.....	.....
Average	2,002	1,879	1,550	1,203	.....	1,629
Aberdeen-Angus, 1883	.....	2,355	1,815	.....	.....	1,903
" " 1884	.....	1,890	.....	1,248	.....	.....
" " 1885	.....	.....	1,712	1,470	920	.....
Average	.....	2,122	1,763	1,359	920	1,703
Devon, 1878	1,757	1,565	.....	.....	.....	1,200
" 1879	.....	1,509	.....	844	.....	1,115
" 1880	.....	1,220	1,250	.....	.....	.....
" 1881	.....	1,152	977	792	.....	.....
" 1882	.....	.....	.....	.....	.....	.....
" 1883	.....	.....	.....	.....	.....	.....
" 1884	.....	.....	.....	.....	.....	.....
" 1885	.....	.....	.....	.....	.....	.....
Average	1,757	1,361	1,113	818	.....	1,157
Holstein, 1883	.....	.....	.....	.....	.....	1,645
" 1884	.....	1,450	1,800	.....	.....	.....
" 1885	.....	2,080	.....	.....	690	.....
Average	.....	1,765	1,800	.....	690	1,645
Sussex, 1885	.....	.....	.....	1,380	.....	.....
Grades and Crosses, 1878	2,491	2,032	1,650	1,470	.....	.....
" " 1879	2,373	1,946	1,710	1,307	.....	.....
" " 1880	.....	1,924	1,721	1,290	.....	1,770
" " 1881	.....	1,943	1,675	1,288	.....	1,722
" " 1882	.....	2,034	1,753	1,318	.....	1,896
" " 1883	.....	2,152	1,762	1,239	.....	2,005
" " 1884	.....	2,071	1,718	1,286	757	.....
" " 1885	.....	2,072	1,721	1,322	798	.....
Average	2,432	2,022	1,714	1,315	777	1,848

Consolidated average weights of the rings of the various breeds of Cattle and their crosses, exhibited in 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885:

Short-Horn	2,310	2,065	1,704	1,334	535	1,748
Hereford	2,002	1,879	1,550	1,203	.....	1,629
Aberdeen-Angus	.....	2,122	1,763	1,359	920	1,703
Devon	1,757	1,361	1,113	818	.....	1,157
Holstein	.....	1,765	1,800	.....	690	.....
Sussex	.....	.....	.....	1,380	.....	.....
Grades and Crosses	2,432	2,022	1,714	1,315	777	1,848

EARLY MATURITY.

From the foregoing table, giving the consolidated average weights of all the cattle of the several breeds of different ages exhibited at the Fat Stock Shows of 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885, the following table is prepared.

It is generally conceded that the best obtainable specimens of the several beef breeds have been exhibited at these shows, and until the results are changed at future shows, the public may find the following table of some value in determining the comparative feeding qualities as far as early maturity is concerned.

In the following table it will be seen that the Short-Horn steers have made the most rapid growth, and the weights of this breed, as given above, will be represented by one hundred as a basis for determining by percentage the comparative weights of the different breeds of cattle of the same age exhibited at the eight exhibitions of Fat Stock.

Breed.	Steer or spayed heifer 3 and under 4 years	Steer or spayed heifer 2 and under 3 years	Steer or spayed heifer 1 and under 2 years	Cow 3 years old or over
Short-Horn	100	100	100	100
Hereford	91	91	90	93
Aberdeen-Angus	103	103	101	100
Devon	66	65	61	66
Holstein	85	106	.....	94
Sussex	.....	.....	103	.....
Grades and Crosses	98	100	98	106

QUALITY.

The block is generally conceded to be the most conclusive test of the quality of meat.

The premiums awarded beef carcasses at Fat Stock shows to date are given in the following table.

The number of entries in the class and sweepstakes rings for dressed carcasses at the several shows, are as follows: Herefords, 25; Grade Herefords, 50; Hereford Short-Horns, 2; Short-Horns, 8; Grade Short-Horns, 37; Short-Horn-Jersey, 1; Grade Devon, 1; Aberdeen-Angus, 5; Grade Aberdeen-Angus, 5; 1 Angus-Short-Horn; 1 Holstein; 3 Grade Holstein; 1 Sussex—making the per cent. of entries as follows: Herefords, eighteen per cent.; Grade Herefords, thirty-six per cent.; Hereford-Short-Horns, one per cent.; Short-Horns, six per cent.; Grade Short-Horns, twenty-seven per cent.; Aberdeen-Angus, four per cent.; Grade Aberdeen-Angus, three per cent.; Grade Holstein, two per cent.; Short-Horn-Jersey, Grade Devon, Angus-Short-Horn, Holstein and Sussex, seven-tenths of one per cent. each.

In the table, each premium awarded dressed carcasses at the several shows in the class and sweepstakes rings is counted at 100 points, for the convenience of making comparison:

Year.	Aberd'n-Angus.		Grade Ab.-Ang.		Angus-Sh't-H'n.		Hereford.		Grade Hereford		Short-Horn.		Grade Sh't-H'n.		Holstein.		Grade Holstein.		Sussex.	
	Per cent. of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..	Per cent of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..	Per cent. of total entries.	Points scaled..
Steer or Spayed Heifer 3 and under 4 years.																				
1885	.....	....	23	100	.....	....	15	....	31	....	.....	....	15	....	8	....	8	....	.....	....
1884	10	....	.....	....	.....	....	10	....	20	....	30	100	30	....	.....	....	.....	....	.....	....
1883	.....	....	.....	....	.....	....	60	....	20	....	.....	....	20	100	.....	....	.....	....	.....	....
1882	.....	....	.....	....	.....	....	20	100	60	....	.....	....	20	....	.....	....	.....	....	.....	....
1881	.....	....	.....	....	.....	....	.....	....	33⅓	100	.....	....	66⅔	....	.....	....	.....	....	.....	....
1880	.....	....	.....	....	.....	....	33⅓	100	33⅓	....	.....	....	33⅓	....	.....	....	.....	....	.....	....
*1879	.....	....	.....	....	.....	....	.....	....	33⅓	100	.....	....	33⅓	....	.....	....	.....	....	.....	....
Steer or Spayed Heifer 2 and under 3 years.																				
1885	7	....	.....	....	.....	....	20	....	20	100	13	....	33	....	.....	....	7	....	.....	....
1884	.....	....	9	100	.....	....	37	....	9	....	9	....	36	....	.....	....	.....	....	.....	....
1883	25	100	.....	....	.....	....	25	....	50	....	.....	....	.....	....	.....	....	.....	....	.....	....
1882	.....	....	.....	....	.....	....	.....	....	100	100	.....	....	.....	....	.....	....	.....	....	.....	....
1881	.....	....	.....	....	.....	....	.....	....	50	....	.....	....	50	100	.....	....	.....	....	.....	....
1880	.....	....	.....	....	.....	....	.....	....	50	....	.....	....	50	100	.....	....	.....	....	.....	....
Steer or Spayed Heifer 1 and under 2 years.																				
1885	.....	....	.....	....	9	....	.....	....	27	....	9	....	37	....	.....	....	9	....	9	100
1884	.....	....	17	100	.....	....	.....	....	17	....	16	....	50	....	.....	....	.....	....	.....	....
1883	.....	....	.....	....	.....	....	25	100	75	....	.....	....	.....	....	.....	....	.....	....	.....	....
1882	.....	....	.....	....	.....	....	.....	....	33⅓	....	.....	....	66⅔	100	.....	....	.....	....	.....	....
1881	.....	....	.....	....	.....	....	.....	....	100	100	.....	....	.....	....	.....	....	.....	....	.....	....
1880	.....	....	.....	....	.....	....	50	50	.....	....	50	50	.....	....	.....	....	.....	....	.....	....
Steer or Spayed Heifer under 1 year.																				
1884	.....	....	.....	....	.....	....	100	100	.....	....	.....	....	.....	....	.....	....	.....	....	.....	....
Sweepstakes—all ages.																				
1885	.....	....	25	....	.....	....	25	....	25	100	.....	....	.....	....	.....	....	.....	....	25	....
1884	6.67	....	6.66	....	.....	....	20.00	....	16.67	....	16 67	100	33.33	....	.....	....	.....	....	.....	....
1883	7.69	....	.....	....	.....	....	38.46	....	46.16	....	.....	....	7.69	100	.....	....	.....	....	.....	....
1882	.....	....	.....	....	.....	....	9.09	100	63.64	....	.....	....	27.27	....	.....	....	.....	....	.....	....
1881	.....	....	.....	....	.....	....	7.15	....	42.85	100	7.15	....	42.85	....	.....	....	.....	....	.....	....
Total	.....	100	.....	300	.....	....	.....	550	.....	700	.....	250	.....	500	.....	....	.....	....	.....	100

*33⅓ per cent. Grade Devon.

It will be seen that the honors in the slaughtering rings have been distributed among the various breeds of cattle, their grades or crosses, as follows: The Herefords have 22 per cent. of all the prizes for dressed carcasses; Grade Herefords, 20 per cent.; Short-Horns, 10 per cent.; Grade Short-Horns, 20 per cent.; Aberdeen-Angus, 4 per cent.; Grade Aberdeen-Angus, 12 per cent.; Sussex 4 per cent.

The number of entries in the killing classes at the several Shows is as follows:

Entries of Steers 3 and under 4 years.

Year.	Short-Horns	Herefords	Aberdeen-Angus	Grade Short-Horns	Grade Herefords	Grade Devon	Grade Angus	Holstein	Grade Holstein
1879				1	1	1			
1880		1		1	1				
1881				1	1				
1882		1		1	3				
1883		3		1	2				
1884	3	1	1	3	2				
1885		2		2	4		3	1	1

The premiums have been awarded on carcasses of steers 3 and under 4 years as follows: In 1885, Grade Aberdeen-Angus steer Turriff, exhibited by James J. Hill, St. Paul, Minn.; in 1884, Short-Horn steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.; in 1883, Grade Short-Horn steer Starlight, exhibited by James H. Potts & Son, Jacksonville, Ill.; in 1882, Hereford steer Sir Richard, exhibited by M. H. Cochrane, Compton, Quebec, Can.; in 1881, Grade Hereford steer Broad Horns, exhibited by C. M. Culbertson, of Chicago; in 1880, Hereford steer Alex., exhibited by T. L. Miller, Beecher, Ill.; in 1879, Grade Hereford steer Barney, exhibited by T. L. Miller, Beecher, Ill.

Entries of Steers 2 and under 3 years.

Year.	Short-Horn	Hereford	Ab'd'n.-Angus.	Gr. Short-Horn	Gr. Hereford	Gr. Aberdeen-Angus	Gr. Holstein
1880				1	1		
1881				1	1		
1882					3		
1883		1	1		2		
1884	1	4		4	1	1	
1885	2	3	1	5	3		1

Premiums have been awarded carcasses of steers 2 and under 3 years of age, as follows: In 1885, Grade Hereford steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.; in 1884, Grade Aberdeen-Angus steer Abernethy, exhibited by American Aberdeen-Angus

Association, Independence, Mo.; in 1883, Aberdeen-Angus steer Waterside Jock, exhibited by M. H. Cochrane, Compton, Quebec; in 1882, Grade Hereford steer Jay, exhibited by H. Norris & Son, Aurora, Ill.; in 1881, Grade Short-Horn steer Echard, exhibited by David Grant, Petersburg, Ill.; in 1880, Grade Short-Horn steer Blank, exhibited by J. G. Gillett, Elkhart, Ill.

Entries of Steers 1 and under 2 years.

Year.	Short-Horn	Herefords	Gr. Short-Horn	Gr. Hereford	Hereford-Short-Horn	Short-Horn Jersey	Gr. Ab.-Angus.	Ang.-Sh't-Ho'n	Sussex	Gr. Holstein
1880					1					
1881				1						
1882			2	1						
1883		1		3						
1884	1		2	1		1	1			
1885	1		4	3				1	1	1

Premiums have been awarded carcasses of steers 1 and under 2 years, as follows: In 1885, Sussex heifer Rosa, exhibited by Overton Lea, Nashville, Tenn.; in 1884, Grade Aberdeen-Angus steer Quality, exhibited by M. H. Cochrane, Compton, Quebec; in 1883, Hereford steer Harry, exhibited by Fowler & Van Natta, Fowler, Ind.; in 1882, Grade Short-Horn steer Red Major, exhibited by J. H. Potts & Son, Jacksonville, Ill.; in 1881, Grade Hereford steer Bailey, exhibited by G. S. Burleigh, Mechanicsville, Iowa; in 1880, Hereford-Short-Horn steer Monroe, exhibited by G. S. Burleigh, Mechanicsville, Iowa.

Entries of Steers under 1 year.

Year.	Grade Hereford.
1884	1

Premium awarded to Grade Hereford steer Jno. Yeomans, exhibited by T. C. Ponting, Moweaqua, Ill.

Sweepstakes entries Carcass Prizes.

Year.	Short-Horn	Hereford	Aberd'n Angus.	Devon	Grade Sh't Ho'n	Grade Hereford	Grade Devon	Herefrd Short-Horn	Sh'rt-Horn Jersey	Grade Aberde'n Angus	Sussex
1881					3	3		1			
1882		1			3	7					
1883		5	1		1	6					
1884	5	6	2		9	5			1	2	
1885		1				1				1	1

Sweepstakes premiums have been awarded dressed carcasses as follows: In 1885, Grade Hereford steer Joe, exhibited by Seabury & Sample, Lafayette, Ind.; in 1884, Short-Horn steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.; in 1883, Grade Short-Horn steer Starlight, exhibited by J. H. Potts & Son, Jacksonville; in 1882, Hereford steer Sir Richard, exhibited by M. H. Cochrane, Compton, Quebec, Can.; in 1881, Grade Hereford steer Broad Horns, exhibited by C. M. Culbertson, Chicago.

PRIZE RECORD.

The number of entries and number of prizes awarded cattle of the several breeds and their crosses or grades at the Fat Stock Shows, in rings where all the breeds and their grades or crosses compete together, is given in the following tables:

The number of entries of the several classes of cattle is as follows: Short-Horns 136, Herefords 78, Devons 9, Aberdeen-Angus 19, Holsteins 3, Galloways 2, Sussex 2, Grade Short-Horns 788, Grade Herefords 407, Grade Aberdeen-Angus 20, Grade Holstein 12, Hereford-Short-Horns 8, Grade Devons 6, Hereford-Jersey 3, Short-Horn-Jersey 1, Short-Horn-Aberdeen-Angus 6, Hereford-Texan 1, Hereford-Aberdeen-Angus 1.

The per cent. of foregoing entries to the total number (1,502) is as follows: Short-Horns, 9.05 per cent.; Herefords, 5.19 per cent.; Aberdeen-Angus, 1.26 per cent.; Devons, .60 per cent.; Holsteins, .20 per cent.; Galloways, .13 per cent.; Grade Short-Horns, 52.46 per cent.; Grade Herefords, 27.10 per cent.; Grade Aberdeen-Angus, 1.33 per cent.; Grade-Holsteins, .80 per cent.; Hereford-Short-Horns, .53 per cent.; Grade Devons, .40 per cent.; Hereford-Jerseys, .20 per cent.; Short-Horn-Jersey, .07 per cent.; Short-Horn-Angus, .40 per cent.; Hereford-Texan, .07 per cent.; Hereford-Angus, .07 per cent.; Sussex, .14 per cent.

The number of first and sweepstakes premiums awarded to the several breeds, their grades or crosses, in the rings specified in the table, is: Short-Horns 17, Herefords 8, Aberdeen-Angus 3, Grade Short-Horns 63, Grade-Herefords 31; Grade Aberdeen-Angus 3.

The per cent. of premiums awarded each class of cattle at the several shows, based on the foregoing figures, is as follows: Short-Horns 14, Herefords 6, Aberdeen-Angus 2, Sussex 1, Grade Short-Horns 50, Grade Herefords 25, Grade Aberdeen-Angus 2.

Prize Record.

	Short-Horn.		Hereford.		Devon.		Aberdeen-Angus.		Holstein.		Gr. Short-Horn.		Grade Hereford.		Sussex.	
	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums
Grades or Crosses.																
Steer or spayed heifer 3 and under 4											133	5	42	3		
" " 2 " 3											163	7	41	1		
" " 1 " 2											102	6	78	2		
" " under 1 year											10		24	2		
Cow three years old or over											8	4	1			
Sweepstakes.																
Steer or spayed heifer 3 and under 4	19	1	11		2		2				80	3	25	3		
* " " 2 " 3	31	1	16	2	2		2				94	4	34	1		
§ " " 1 " 2	22	2	13		1		3						35	1		
" " under 1 year	1	1					1						7	2		
Cow three years old or over	30	4	12	1	1		1		2		7	1	1			
Grand sweepstakes												5		2		
Early maturity, 3 and under 4	4	1	2	1							43	6	10	1		
" 2 " 3	9	1	3				2				45	5	13	2		
† " 1 " 2	6	2	2		3		4	1			34	5	23		1	
" under 1 year							1				6	2	18			
Cost of production.																
Steer or spayed heifer 3 and under 4	3	1									7	3	2			
" " 2 " 3	1										7	2	2	1		
" " 1 " 2	2	2									9	1	3			
" " under 1 year											2		3	1		
‡Dressed Carcass, 3 and under 4	3	1	10	3			1		1		11	1	21	2		
" " 2 " 3	3		8	1			2	1			15	1	11	3		
" " 1 " 2	2		1								12	2	13	2	1	1
" " under 1 year																
Total	136	17	78	8	9		19	3	3		788	63	407	31	2	1

*Hereford Short-Horn, 1. §Hereford Short-Horn, 2. †Hereford Short-Horn, 1. ‡Hereford Short-Horn, 2.

Prize Record—Continued.

	Grade Aberd'en-Angus.		Grade Holstein.		Grade Devon.		Hereford Short-Horn.		Hereford Jersey.		Short-Horn Jersey.		Sh'rt-Horn Aberdeen-Angus.		Hereford Texan.		Galloway.		Hereford Aberde'n-Angus.	
	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums	No. entries	1st and sweepstakes premiums
Grades and Crosses.																				
Steer or spayed heifer 3 and under 4	2		1				2													
" " 2 " 3	1		2				3	1	1				5							
" " 1 " 2	4		2				1		1						1					
" " under 1 year	1																			
Cow 3 years old or over																				
Sweepstakes.																				
Steer or spayed heifer 3 and under 4					4		1										2			
* " " 2 " 3	1																		1	
§ " " 1 " 2	1		1		1				1											
" " under 1 year																				
Cow 3 years old or over																				
Grand Sweepstakes																				
Early maturity, 3 and under 4			1				1													
" 2 " 3	1		1																	
† " 1 " 2	3																			
" under 1 year	1		1																	
Cost of Production.																				
Steer or spayed heifer 3 and under 4																				
" " 2 " 3																				
" " 1 " 2																				
‡Dressed carcass 3 and under 4	3	1	1																	
" " 2 " 3	1	1	1																	
" " 1 " 2	1	1	1		1						1		1							
" " under 1 year																				
Total	20	3	12		6		8		3		1		6		1		2		1	

*Hereford Short-Horn, 1. §Hereford Short-Horn, 2. †Hereford Short-Horn, 1. ‡Hereford Short-Horn, 2.

	No. of entries	Number first and Sweeps'ks premiums awarded	Per cent. of premiums awarded	No. of premiums each breed should have received accord'g to No. of entries	Per ct. of premiums each breed should have received accordi'g to No. of entries.	Per cent. of premiums awarded in proportion to entries.	
						Excess.	Deficit.
Short-Horn	136	17	13.49	11.409	9.058	4.432	.....
Hereford	78	8	6.35	6.543	5.202	1.148	.....
Devon	9	.....	.....	.755	.602	.....	.602
Aberdeen-Angus	19	3	2.38	1.594	1 268	1.112	.....
Holstein	3	.....	.....	.252	.201	.....	201
Galloway	2	.....	.....	.168	.135	.....	.135
Grade Short-Horn	788	63	50 00	66.104	52.466	.....	2.466
Grade Hereford	407	31	24.60	34.142	27.102	.....	2.502
Short-Horn-Hereford	8	.....	.....	.671	.533	.....	.533
Grade Devon	6	.....	.....	.503	.402	.....	.402
Grade Angus	20	3	2.38	1.677	1.278	1 102	.....
Grade Holstein	12	.....	.....	1.007	.802	.....	.802
Hereford-Jersey	3	.....	.....	.252	.201	.....	.201
Short-Horn-Jersey	1	.....	.....	.084	.071	.....	.071
Short-Horn-Angus	6	.....	.....	.503	.402	.....	.402
Hereford-Texan	1	.....	.....	.084	.071	.....	.071
Hereford-Angus	1	.....	.....	.084	.071	.....	.071
Sussex	2	1	.80	.168	.135	.665	.....
Total	1,502	126	100.00	126.000	100.000	.....	.....

It will be seen in the above table containing the awards of premiums made by expert judges at the eight shows, that if the number of entries of each class of cattle shown is taken into consideration, the record gives the breeds prestige as follows:

First, Aberdeen-Angus (it having received 87.69 per cent. above its proportional amount); second, Grade Angus, (it having received 86.23 per cent. above its proportional amount); third, Sussex, (it having received 49.26 per cent. above its proportional amount); fourth, Short-Horn, (it having received 48.93 per cent. above its proportional amount); and fifth, Hereford, (it having received 22.07 per cent. above its proportional amount).

If the 126 premiums awarded on the 1,502 entries represented in the above table, had been distributed in proportion to the number of entries made, the several classes of cattle would have received the per cent. of the first and sweepstakes premiums represented in the column so headed, and be entitled to precedence as follows: Grade Short-Horn, Grade Hereford, Short-Horn, Hereford.

The last two columns show the per cent. of excess or deficiency in premiums awarded to each class of animals shown in proportion to the number of entries of the several breeds, during the past eight years.

CLASS C—SHEEP.

Average weights in the rings of the various breeds of Sheep and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885 Fat-Stock Shows:

Breed.	Wether 2 years old or over	Wether 1 and under 2 years old	Wether under 1 year old	Ewe 2 years old or over	Ewe 1 and under 2 years	Ewe under 1 year old
Cotswold, 1878	.....	224	.....	306	.....	130
" 1879	243	194	150	270	228	132
" 1880	236	196	114	271	.....	.....
" 1881	251	194	.....	244	226	121
" 1882	274	203	136	274	253	125
" 1883	267	213	202	.....	.....	.....
" 1884	277	167	110	.....	.....	.....
" 1885	249	202	128	.....	.....	.....
Average	257	199	140	273	235	127
Leicester, 1885	247	208	132	.....	.....	.....
Lincoln, 1885	261	198	121	.....	.....	.....
Other Long Wools, 1878	.....	.....	.....	.....	.....	.....
" 1879	266	.....	.....	.....	.....	113
" 1880	281	.....	.....	.....	.....	111
" 1881	.....	.....	.....	.....	.....	.....
" 1882	267	255	151	238	204	.....
" 1883	271	224	.....	.....	.....	.....
" 1884	232	.....	.....	.....	.....	.....
Average	263	239	151	238	204	112
Southdown, 1878	.....	.....	.....	.....	.....	.....
" 1879	178	160	94	171	128	100
" 1880	219	166	107	173	132	95
" 1881	195	157	193	.....	.....	.....
" 1882	206	194	114	195	.....	.....
" 1883	228	176	97	.....	.....	.....
" 1884	207	178	109	.....	.....	.....
" 1885	219	183	117	.....	.....	.....
Average	207	175	119	169	130	97
Shropshire, 1885	223	181	120	.....	.....	.....
Hampshire, 1885	240	224	118	.....	.....	.....
Oxford, 1885	242	.....	102	.....	.....	.....
Other Middle Wools, 1878	.....	.....	.....	.....	.....	.....
" 1879	213	.....	.....	213	185	.....
" 1880	.....	184	.....	.....	196	89
" 1881	226	181	.....	220	.....	.....
" 1882	230	175	94	202	240	85
" 1883	206	187	107	.....	.....	.....
" 1884	239	179	151	.....	.....	.....
Average	223	181	117	216	208	87
American Merino, 1878	.....	.....	.....	.....	.....	.....
" 1879	.....	.....	.....	.....	.....	.....
" 1880	139	112	75	99	78	.....
" 1881	.....	.....	.....	.....	.....	.....
" 1882	.....	.....	.....	104	69	52
" 1883	136	113	83	.....	.....	.....
Average	137	112	79	101	73	52
Other Fine Wools, 1878	.....	.....	.....	.....	.....	.....
" 1879	.....	.....	.....	.....	.....	.....
" 1880	.....	.....	.....	.....	.....	.....
" 1881	.....	.....	.....	.....	.....	.....
" 1882	.....	.....	.....	.....	.....	.....
" 1883	.....	.....	.....	.....	.....	.....
Average	.....	.....	.....	.....	.....	.....

Class C—Sheep—Continued.

Breed.	Wether 2 years old or over..	Wether 1 and under 2 years old.....	Wether under 1 year old.....	Ewe 2 years old or over..	Ewe 1 and under 2 years..	Ewe under 1 year old.....
Grades or Crosses, 1878	.....	.....	.....	.....	.....	.....
" 1879	213	177	128	215	160	125
" 1880	219	217	118	232	271	118
" 1881	231	169	117	164	164	104
" 1882	246	196	118	241	167	141
" 1883	217	202	110	.....	.....	.....
" 1884	202	168	117	.....	.....	.....
" 1885	243	203	123	.....	.....	.....
Average	224	190	119	213	165	122

Consolidated average weights of the rings of the various breeds of Sheep and their crosses, exhibited in 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885.

Cotswold	257	199	140	273	235	127
Leicester	247	208	132	.....	.....	.....
Lincoln	261	198	121	.....	.....	.....
Other Long Wools	263	239	151	238	204	112
Southdown	207	175	119	169	130	97
Shropshire	223	181	120	.....	.....	.....
Hampshire	240	224	118	.....	.....	.....
Oxford	242	.....	102	.....	.....	.....
Other Middle Wools	223	181	117	211	208	87
American Merino	137	112	79	101	73	52
Grades or Crosses	124	190	119	213	165	122

EARLY MATURITY.

WETHER SHOWING MOST RAPID GROWTH.

Wether 2 and under 3 years.

Year.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1879	Leicester	969	300	0 31
1880	"	971	282	0.29
1881	Cotswold	933	281	0.30
1882	"	966	292	0.30
1883	.....	.....	.....	.....
1884	.....	.....	.....	.....
1885	.....	.....	.....	.....

Wether 1 and under 2 years.

1878	Cotswold	535	220	0.41
1879	"	574	218	0.38
1880	Grade Oxford	612	232	0.38
1881	Cotswold	568	205	0.36
1882	Leicester	600	295	0.49
1883	.....	.....	.....	.....
1884	.....	.....	.....	.....
1885	.....	.....	.....	.....

Class C—Sheep—Continued.

Wether under 1 year.

Year.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Cotswold	170	152	0.89
1879	"	240	150	0.62
1880	"	210	114	0.54
1881	Southdown	213	193	0.90
1882	Leicester	235	178	0.75
1883	Cotswold	218	192	0.88
1884	Southdown	167	112	0.67
1885	Shrop.-Leicester	180	162	0.90

Dressed Carcass.

WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age over 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Live wt. at slaughter	Weight of dressed carcass	Per cent. net carcass to gross or live weight	Weight of pelt	Weight of tallow	Per cent. carcass, pelt and tallow to gross weight	Weight of head	Weight of lungs and heart	Weight of liver and melt	Weight of paunch and intestines	Weight of blood	Shrinkage	Per ct. offal and shrinkage to live weight
Frank Willson, Jackson, Mich.	Dandy	Cots.-Southdown	952	278	195	.70	19½	.....	.77	8	7	.....	35	11	2½	.23
J. H. Potts & Son, Jacksonville.	Pet	Southdown	955	202	132	.65	16½	.....	.74	5 5	5½	.....	35	7	1	.26
Stone & Loake, Stonington	Economy	Oxford	935	207	132	.64	16	.....	.71	5 5	5½	.....	39	7½	2	.29
" "	Perfection	"	927	182	107	.59	15	.....	.67	4½	5	.....	41	6½	3	.33
1885..	Average 4 animals		942	217	141	.65	17	.....	.73	5½	5¾	.....	37¾	8	2¾	.27
1884..	" 2 "		961	248	157	.63	26	6	.76	6	3	2	34	7	7	.24
1883..	" 2 "		945	196	131	.66	17	7½	.79	5	3	2	20½	8½	2½	.21

Dressed Carcass—Continued.

First Premium Animals.

Year	Name of Animal.	Breed.	Age in days	Live wt. at slaughter	Weight of dressed carcass	Per cent net carcass to gross or live weight	Weight of pelt	Weight of tallow	Per cent. carcass, pelt and tallow to gross weight	Weight of head	Weight of lungs and heart	Weight of liver and melt	Weight of paunch and intestines	Weight of blood	Shrinkage	Per ct. offal and shrinkage to live weight
1885	Perfection	Oxford	927	182	107	.59	15	.....	.67	4½	5	.....	41	6½	3	.33
1884	Model	Shropshire	976	272	186½	.68	23½	8	.80	6	3	2	29	8	6	.20
1883	Quality	"	952	148	91½	.62	13½	6	.75	4	3	2	20	6	2	.25

Age 1 and under 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Live wt. at slaughter	Weight of dressed carcass	Per cent. net carcass to gross or live weight	Weight of pelt	Weight of tallow	Per cent. carcass, pelt and tallow to gross weight	Weight of head	Weight of lungs and heart	Weight of liver and melt	Weight of paunch and intestine	Weight of blood	Shrinkage	Per ct. offal and shrinkage to live weight
Stone & Loake, Stonington	Baker	Cotswold	583	179	105½	.59	18½	.....	.69	5	6	.....	34½	6½	3	.31
W. D. & L. C. Anderson, Anderson, O	Victor	Southdown	611	187	117	.62	14½	.....	.70	5½	6½	.....	34	7½	2	.30
B. Waddel, Marion, O	Lee	Shropshire	691	175	114	.65	13½	.....	.73	5½	5½	.....	29	7½	1	.27
E. & A. Stanford, Steyning, Eng.	Abraham	Southdown	596	194	129	.66	17	.....	.75	5	5	.....	30	7	1	.25
1885	Average, 4 animals		620	184	116½	.63	15¾	.....	.72	5¼	5¾	.....	32	7	1¾	.28
1884	" 4 "		599	171	105	.61	16	5	.74	5	3	3	25	5	4	.26
1883	" 2 "		574	199	122½	.62	21	9	.77	5	3	2	24½	9	3	.23

First Premium Animals.

Year	Name of Animal.	Breed.	Age in days	Live wt. at slaughter	Weight of dressed carcass	Per cent. net carcass to gross or live weight	Weight of pelt	Weight of tallow	Per cent. carcass, pelt and tallow to gross weight	Weight of head	Weight of lungs and heart	Weight of liver and melt	Weight of paunch and intestines	Weight of blood	Shrinkage	Per ct. offal and shrinkage to live weight
1885	Becker	Cotswold	583	179	105½	.59	18½	.....	.69	5	6	.....	34½	6½	3	.31
1884	Jack	Grade Southdown	597	185	116	.63	18½	8	.77	5	2½	2	22	5½	5½	.23
1883	Hero	Cotswold	583	193	113	.58	23½	6	.74	5½	3	2	29	9	5	.26

Age under 1 year.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Live wt. at slaughter	Weight of dressed carcass	Per cent. net carcass to gross or live weight	Weight of pelt	Weight of tallow	Per cent. carcass, pelt and tallow to gross weight	Weight of head	Weight of lungs and heart	Weight of liver and melt	Weight of paunch and intestines	Weight of blood	Shrinkage	Per ct. offal and shrinkage to live weight
E. & A. Stanford, Steyning, Eng.	Big Ben	Southdown	266	128	73	.57	12	.....	.66	4½	4	.....	25	5	5½	.34
1885	Average, 1 animal		266	128	73	.57	12	.....	.66	4½	4	.....	25	5	5½	.34
1884	" 2 "		168	104	57	.55	13½	3½	.71	3½	2	1	15½	3	5	.29
1883	" 3 "		198	114	64	.57	14	3	.71	3½	2	2	16½	6	3	.29

Dressed Carcass—Continued.

First Premium Animals.

Year	Name of Animal.	Breed.	Age in days	Live wt. at slaughter	Weight of dressed carcass	Per cent. net carcass to gross or live weight	Weight of pelt	Weight of tallow	Per cent. carcass, pelt and tallow to gross weight	Weight of head	Weight of lungs and heart	Weight of liver and melt	Weight of paunch and intestines	Weight of blood	Shrinkage	Per ct. offal and shrinkage to live weight
1885..	Big Ben	Southdown	266	128	73	57	12	.....	.66	4½	4	.....	25	5	5½	.34
1884..	Harry	"	151	112	64½	.57	13	4	.73	3½	2	1	15½	3	5½	.27
1883..	Curly	Oxford-Cotswold	200	121	70½	.58	15	4	.74	3½	2	1½	16	6	2½	.26

CLASS D—SWINE.

Average weight of the rings of the various breeds of Hogs and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885 Fat Stock Shows:

Breed.	Barrow 2 years old or over...	Barrow 1 and under 2 years.	Barrow under 1 yr. and over 6 months.....	Barrow under 6 months.....	Sow 2 years old or over.....	Sow 1 and under 2 yrs. old.	Sow under 1 year and over 6 months.....	Sow under 6 months.....
Berkshire, 1878	.....	.....	.....	.....	.....	452	.....	.....
" 1879	.....	469	.....	190	635	510	351	162
" 1880	.....	.....	.....	.....	.....	446	.....	.....
" 1881	.....	428	.....	.....	.....	463	.....	.....
" 1882	.....	408	260	.....	.....	425	372	.....
" 1883	.....	427	370	.....	.....	.....	.....	.....
" 1884	.....	415	.....	.....	.....	.....	.....	.....
" 1885	.....	437	284	.....	.....	.....	.....	.....
Average	.....	431	305	190	635	459	361	162
Poland-China, 1878	651	501	379	192	577	.....	.....	203
" 1879	745	521	330	193	624	484	339	147
" 1880	.....	490	272	.....	.....	445	263	.....
" 1881	.....	520	.....	.....	.....	557	306	.....
" 1882	.....	455	298	.....	.....	466	326	.....
" 1883	.....	420	282	.....	.....	.....	.....	.....
" 1884	.....	448	299	.....	.....	.....	.....	.....
" 1885	.....	437	227	.....	.....	.....	.....	.....
Average	698	474	288	192	600	488	308	175
Chester-White, 1878	644	.....	.....	.....	.....	.....	.....	.....
" 1879	.....	.....	.....	.....	.....	.....	.....	.....
" 1880	.....	248	.....	.....	.....	381	287	.....
" 1881	.....	385	.....	.....	.....	307	246	.....
" 1882	.....	556	280	.....	.....	473	342	.....
" 1883	.....	544	385	.....	.....	.....	.....	.....
" 1884	.....	.....	.....	.....	.....	.....	.....	.....
" 1885	.....	514	455	.....	.....	.....	.....	.....
Average	644	449	373	.....	.....	387	291	.....
Victoria, 1882	.....	446	350	.....	.....	461	220	.....
" 1883	.....	422	340	.....	.....	.....	.....	.....
" 1884	.....	402	200	.....	.....	.....	.....	.....
" 1885	.....	405	226	.....	.....	.....	.....	.....
Average	.....	418	276	.....	.....	461	220	.....
Duroc Jersey Red, 1882	.....	504	335	.....	.....	405	320	.....
" " 1883	.....	483	354	.....	.....	.....	.....	.....
" " 1884	.....	473	428	.....	.....	.....	.....	.....
" " 1885	.....	578	439	.....	.....	.....	.....	.....
Average	.....	509	389	.....	.....	405	320	.....
Essex, 1878	.....	.....	.....	.....	.....	470	.....	.....
" 1879	472	295	.....	162	440	276	317	153
" 1880	.....	.....	.....	.....	.....	.....	.....	.....
" 1881	.....	.....	.....	212	.....	366	216	.....
" 1882	.....	437	228	.....	.....	405	230	
" 1883	.....	416	285	.....	.....	.....	.....	.....
" 1884	.....	509	313	.....	.....	.....	.....	.....
" 1885	.....	394	.....	.....	.....	.....	.....	.....
Average	472	410	275	187	440	379	254	153
Other Small Breeds, 1878	.....	.....	.....	.....	.....	.....	.....	.....
" " 1879	.....	.....	.....	.....	.....	410	370	.....
" " 1880	.....	.....	.....	.....	.....	.....	.....	.....
" " 1881	.....	.....	.....	.....	.....	.....	.....	.....
Average	.....	.....	.....	.....	.....	410	370	.....

Class D—Swine—Continued.

Breed.	Barrow 2 years old or over...	Barrow 1 and under 2 years.	Barrow under 1 year and over 6 months.....	Barrow under 6 months.....	Sow 2 years old or over.....	Sow 1 and under 2 years old	Sow under 1 year and over 6 months.....	Sow under 6 months.....
Yorkshire, 1884	.....	.....	313	.....	.....	.....	.....	.....
" 1885	.....	.....	263	.....	.....	.....	.....	.....
Average	.....	.....	288	.....	.....	.....	.....	.....
Suffolk, 1884	.....	310	189	.....	.....	.....	.....	.....
" 1885	.....	359	237	.....	.....	.....	.....	.....
Average	.....	334	213	.....	.....	.....	.....	.....
Grades and Crosses, 1878	.....	522	298	.....	.....	.....	.....	.....
" " 1879	589	436	361	.....	620	478	365	.....
" " 1880	.....	490	350	.....	.....	306	353	.....
" " 1881	.....	410	326	.....	.....	460	319	.....
" " 1882	.....	477	326	.....	.....	404	320	.....
" " 1883	.....	456	283	.....	.....	.....	.....	.....
" " 1884	.....	444	385	.....	.....	.....	.....	.....
" " 1885	.....	480	242	.....	.....	.....	.....	.....
Average	589	464	321	.....	620	412	346	.....

Consolidated average weights of rings of the various breeds of Hogs and their crosses exhibited in 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885.

Berkshire	.....	431	305	190	635	459	391	162
Poland China	698	474	288	192	600	488	308	175
Chester White	644	449	373	.....	.....	387	291	.....
Victoria	.....	418	276	.....	.....	461	220	.....
Duroc Jersey Red	.....	509	389	.....	.....	405	320	.....
Essex	472	410	275	187	440	379	254	153
Yorkshire	.....	.....	288	.....	.....	.....	.....	.....
Suffolk	.....	334	213	.....	.....	.....	.....	.....
Grades and crosses	589	464	321	.....	620	412	346	.....

EARLY MATURITY.

BARROWS SHOWING MOST RAPID GROWTH.

Barrow 1 and under 2 years.

Year.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Suffolk Cross	439	522	1.19
1879	Grade Suffolk	431	473	1.09
1880	Poland China	467	483	1.03
1881	Poland China	385	444	1.15
1882	Jersey Red	416	533	1.28
1883	.....	.....	.....	.....
1884	.....	.....	.....	.....

Barrow under 1 year.

1878	Poland China	158	203	1.28
1879	Poland China	237	334	1.40
1880	Poland China	185	217	1.17
1881	Essex	177	207	1.16
1882	Chester White	200	280	1.40
1883	Grade Victoria	189	277	1.46
1884	Duroc Jersey Red	350	370	1.00
1885	Grade Poland China	162	262	1.62

Weights of Various Parts of Slaughtered Animals.

Age 12 and under 18 months.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Live weight at slaughter	Weight dressed carcass and head	Per ct. carcass and head to gross weight.	Weight lungs and heart	Weight liver and melt.	Weight paunch	Weight guts	Weight blood	Weight hair, wet	Shrinkage	Per cent. offal, including shrinkage to gross or live weight.
Frank Srout, McLean	Bully	Gr. Pol'd-China	539	551	487	.88	11½	.....	.....	26½	11	7	8	.12
L. C. Henley, Mattoon	Jim	Yorkshire Pol.-C.	381	459	398	.87	8½	.....	.....	25½	7	6½	13½	.13
Stone & Loake, Stonington	Dick	Victoria	467	401	351	.87	8½	.....	.....	22	7	5	7½	.13
S. H. Tood, Wakeman O	Ginger	Pol.-China-Ch.W	426	377	323	.86	7½	.....	.....	26½	6	4	10	.14
E. T. Doney, Jackson, Mich	Winner	Essex	497	388	332	.85	9	.....	.....	27½	9	5	5½	.15
B. T. Railsback, Hopedale	King Jersey	Duroc Jersey	544	674	596½	.88	14	.....	.....	35	11½	7	10	.12
J. A. Countryman, Rochelle	Dick	Poland-China	415	387	343	.89	7	.....	.....	16½	7½	5½	7½	.11
" " "	Major	" "	419	414	363	.88	8	.....	.....	22	7	5½	8½	.12
Frank Srout, McLean	Bill	Berkshire	530	426	359	.84	9	.....	.....	33	10	4½	10½	.16
Frank Willson, Jackson, Mich	Jerry 2d	Suffolk	403	331	278	.84	9	.....	.....	25½	9	3½	6	.16
1885 Average 10 animals			462	441	383	.87	9¼	.....	.....	26	8½	5¼	9	.13
1884 " 7 "			484	469	402	.86	5	5	7	23	6	6	15	.14
1883 " 5 "			465	432	375	.88	4	4	7	19	6	3	14	.12
1882 " 2 "			486	477	412	.86	3	4	3	17	6	5	27	.14

First Premium Animals.

1885	L. C. Henley	Jim	Yorkshire Pol.-C.	381	459	398	.87	8½	.....	.....	25½	7	6½	13½	.13
1884	Stone & Loake	Josoto Chief	Poland-China	532	580	507½	.87	4½	7	8½	23	8½	6	15	.13
1883	Taylor Bros	Andy	Chester White	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1882	Scheidt & Davis	Bouncer	Victoria	539	579	505	.87	4	4½	2	18½	8	5½	31½	.13

Dressed Carcass—Continued.

Age under 1 year.

Name and Postoffice of Exhibitor	Name of Animal.	Breed.	Age in days.	Live weig't at slaughter.	Weight dressed carcass and head	Per ct. of carcass and head to gross weight	Weight lungs and heart.	Weight liver and melt	Weight paunch	Weight guts	Weight blood	Weight hair, wet	Shrinkage	Per ct. offal, includin'g shrinkage, to gross or live weight
L. C. Henley, Mattoon	Sam	Yorkshire	227	291	252	.87	7	.....	.....	18	6½	4	3½	.13
" "	Clark	"	273	279	240	.86	6	.....	.....	18½	4	4	6½	.14
Stone & Loake, Stonington	Snowball 1st	Victoria	162	215	180	.84	6½	.....	.....	18½	6	3½	½	.16
S. H. Todd, Wakeman, O	Sam	Chester-White	247	180	145	.80	5½	.....	.....	19	5	3½	2	.20
B. T. Railsback, Hopedale	Beaver		310	425	371	.87	8½	.....	.....	21½	9	5	10	.13
J. A. Countryman, Rochelle	Packer	Poland-China	207	206	170	.83	6	.....	.....	18	7½	4	½	.17
" "	Lookout	"	351	315	272	.86	6½	.....	....	18	8	5½	5	.14
Frank Srout, McLean	Tom	Chester-White	353	418	363	.87	8	.....	.....	24½	9	6	7½	.13
Frank Willson, Jackson, Mich	Doctor	Suffolk	191	245	197	.80	7½	.....	.....	20	6½	6	8	.19
1885 Average 9 animals			258	286	243	.85	6¾	.....	.....	19½	6¾	4½	5½	.15
1884 " 6 "			286	323	280	.87	3	3½	4	16	4½	4½	8½	.13
1883 " 6 "			259	275	232	.84	3	4	3	16	5	3	9	.16
1882 " 3 "			281	316	272	.86	3	4	2	13	4	3	15	.14

First Premium Animals.

1885	L. C. Henley, Mattoon	Sam	Yorkshire	227	291	252	.87	7	.....	.....	18	6½	4	3½	.13
1884	" "	John	"	357	331	291	.88	3	3	2½	15	7½	4	6	.12
1883	R. J. Stone, Stonington	Fatty	Victoria	251	295	258	.88	2	3	2½	13½	5½	4	6½	.12
1882	Scheidt & Davis, Dyer, Ind	Dick	"	322	380	330	.87	3	4	2	16	4	2½	18½	.13

ROLL OF HONOR.

The following table gives the ages from month to month and weight of noted steers exhibited at the eight Fat Stock Shows (nearest the ages named) that have made the largest average gain per day, including weight at birth.

The largest average gain per day made by the representative animals named in the following list, makes it proper that special attention should repeatedly be called to these remarkable results in feeding, as well as skill in breeding animals of such unusual aptitude for rapid growth.

The forty-two animals named in the table represent the eight Fat Stock Shows as follows: 1878, two steers; 1879, five steers; 1880, four steers; 1881, five steers; 1882, five steers; 1883, eight steers; 1884, seven steers; 1885, six steers.

The number of each of the various breeds and crosses included in the table is as follows: Short-Horns, 9; Grade Short-Horns, 24; Grade Herefords, 6; Hereford-Short-Horn, 1; Aberdeen-Angus, 2.

The breeders of the several States are represented as follows: Illinois, 26 steers; Indiana, 4; Ohio, 4; Kentucky, 3; Canada, 2; Iowa, 1; Nebraska, 1; Missouri, 1.

No. of months, 30 days each.	No. days	Age of steer in days nearest to time named.	Breed.	Weight.	Average gain per day in pounds.	Exhibited.		Name of Animal.
						Year.	By –	
			Steer under 1 year.					
4	120	118	Grade Short-Horn	405	3.43	1885	B. Waddel	Charley
5	150	138	" "	385	2.78	1884	John D. Gillett	Justine
6	180	180	" Hereford	580	3.22	1885	Henry Davis	Marquis
8	240	235	" "	720	3.06	1885	B. Hershey	Sam
9	270	262	" "	775	2.77	1883	J. R. Price	Confidence
10	300	304	Aberdeen-Angus	920	3.03	1885	Gudgell & Simpson	Alex
			Steer 1 and under 2 years.					
12	360	365	Grade Short-Horn	1,065	2.92	1885	B. Waddel	Phillip
13	390	384	Short-Horn	1,140	2.97	1882	Cobb & Phillips	Cassius V
14	420	410	Aberdeen-Angus	1,125	2.74	1881	Indiana Blooded Stock Co.	Blaine
15	450	454	Grade Short-Horn	1,230	2.70	1882	John D. Gillett	Waixel
16	480	470	" "	1,370	2.91	1885	"	Morris
17	510	513	" "	1,373	2.67	1879	"	Jim Smith
18	540	544	" "	1,401	2.57	1879	"	Albert Pell
19	570	564	" "	1,286	2.46	1879	Amos F. Moore	Hawks
20	600	597	Short-Horn	1,495	2.50	1884	B. Waddel	Orio
21	630	630	Grade Short-Horn	1,640	2.69	1883	John G. Imboden	Scratch
22	660	650	Short-Horn	1,480	2.28	1878	J. N. Brown's Sons	Duke Sangamon
23	690	688	Grade Short-Horn	1,880	2.73	1889	John D. Gillett	Porter
			Steer 2 and under 3 years.					
24	720	719	Grade Short-Horn	1,565	2.17	1884	J. H. Potts & Son	Major
25	750	765	" "	1,615	2.11	1883	J. R. Peak & Son	Joe
26	780	783	Short-Horn	1,675	2.09	1881	J. D. Gillett	Chance
27	810	816	Grade Short-Horn	1,750	2.11	1883	"	Cherry
28	840	832	" Hereford	1,845	2.21	1889	T. L. Miller	Conqueror
29	870	858	" Short-Horn	2,240	3.59	1882	J. D. Gillett	Mammoth
30	900	962	" Hereford	1,755	2.05	1884	Fowler & VanNatta	McGregor
31	930	940	" Short-Horn	1,975	2.19	1889	J. D. Gillett	Blood
32	960	954	" "	1,950	2.01	1881	"	Cherry
33	990	977	" "	2,081	2.12	1879	"	Barney
34	1,020	1,009	Short-Horn	2,045	2.02	1883	Canada W. F. S. Ass'n	Clarence Kirklevington
35	1,050	1,054	Grade Short-Horn	2,070	1.96	1883	John Ross & Son	Christmas King

			Steer 3 and under 4 years.					
35	1,080	1,084	Short-Horn	1,950	1.79	1883	VanMeter & Hamilton	Young Mary Steer 8th
37	1,110	1,105	Grade Short-Horn	1,856	1 67	1881	Morrow & Muir	Frosty
38	1,140	1,132	" "	2,024	1.76	1879	J. D. Gillett	Cap. Nels. Morris
39	1,170	1,176	" "	2,130	1.81	1881	"	Phil. Sheridan
40	1,200	1,210	Short-Horn	2,262	1.88	1884	T. W. Harvey	Snow Flake
41	1,230	1,223	Grade Short-Horn	2,445	2 00	1883	J. G. Gillett	Mammoth
42	1,260	1,265	" "	2,400	1 90	1882	H. & I. Goff	Canadian Champion
43	1,290	1,301	Grade Hereford	2,360	1.76	1884	Fowler & Van Natta	Benton's Champion
44	1,320	1,305	Short-Horn	2,535	1.94	1882	J. B. Sherman	Sangamon
45	1,350	1,351	Short-Horn-Hereford	2,295	1 75	1879	J. H. Graves	Nichols
46	1,380	1,367	Short-Horn	2,350	1 71	1880	Wm Sandusky	Vermilion
47	1,410	1,416	Grade Short-Horn	2,180	1.54	1883	J. H. Potts & Son	Starlight

CLASS A—CATTLE.

Table giving number of entries of Cattle of the several ages and breeds, including grades and crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885 Fat Stock Shows.

Cattle.	Short Horn	Hereford	Devon	Aberdeen-Angus	Holstein	Sussex	Grades or crosses	All Breeds and Grades by Ages	Sweepstakes	Grand Sweepstakes	Pen of Cattle	Dressed Bullocks	Heaviest Fat Steer	Gain per day	Cost of Production	Total
Steer 4 years old or over.																
1878	2	1	2				12		14							31
1879	5	4	1				13		19		2					51
Steer 3 and under 4 years.																
1878	2	3	2				10		8		2					27
1879	2	2	1				29		20		3					57
1880	4	1	2				18		18		2	3		10		58
1881	3	2	2				34		25		4	3		10		83
1882	5	1					24		20		4	5		11	2	72
1883	3	4		1			16		25		2	8		7	1	67
1884	9	2		1	1		22	29	4		4	10		11		93
1885	4	8			1		29	3			8	13		15	3	84
Steer 2 and under 3 years.																
1878	5	1					12		13		2					33
1879	4	1					31		21		3					60
1880	5	3	1				26		22		1	2		10		64
1881	7		3				33		27		2	2		10		84
1882		2					19		17		3	3		8	3	56
1883	3	4		1			20		29		2	4		11	4	78
1884	11	8			1		47	52	4		12	11		18		164
1885	10	5		4			33	4			7	15		20	2	100
Steer 1 and under 2 years.																
1878	3						2		5							10
1879	6	3	1				14		14		1					39
1880	1	1					22		15		1	1		10		51
1881							5		6			1		8		20
1882	3	1					17		13		1	3		12	4	54
1883	9	7		1			70		58		5	6		15	6	177
1884	9	4		4			27	28	3		4	6		16		101
1885	2	2		1		1	33	4			5	11		18	4	81
Steer under 1 year.																
1884							10	9	1			1		8		29
1885	1			1	1		25	3			3			18	5	57
Cow 3 years old or over.																
1878	6	3	1						6							16
1879	8	2	2	1			1		10							24
1880	3	1					1		5			1				11
1881	4	3	3				2		8							20
1882	8	2					3		9							22
1883	6	5		3			3		16			6				39
1884																
1885																
All ages.																
1878										21						21
1879										63						63
1880										58			13			71
1881										30			10			40
1882										27			7			34
1883										89			8			97
1884										13		30	4			47
1885	4	3		4			5			7		4	11			38

Class A—Cattle—Continued.

Cattle.	Short-Horn	Hereford	Devon	Aberdeen-Angus ...	Holstein	Sussex	Grades or Crosses..	All Breeds and Grades by Ages...	Sweepstakes.....	Grand Sweepstakes	Pen of Cattle.....	Dressed Bullocks...	Heaviest Fat Steer.	Gain per day	Cost of Production.	Total ....
Total.																
1878.....	18	8	5	...	....	....	36	...	46	21	4	....	...	....	...	138
1879.....	25	12	5	1	...	...	88	...	84	63	9	....	7	..	...	303
1880.....	13	6	3	....	....	....	61	...	60	58	4	7	13	30	...	255
1881	14	5	8	....	....	....	74	...	66	30	6	6	10	28	....	247
1882.....	16	7	...	...	....	....	63	...	59	27	8	11	7	31	9	238
1883.....	21	20	....	6	....	....	109	....	28	89	9	24	8	33	11	458
1884.....	29	14	...	5	2	....	106	118	12	13	20	58	4	53	....	434
1885.....	21	18	....	10	2	1	125	14	...	7	23	43	11	71	14	360

CLASS C—SHEEP.

Table giving number of entries of Sheep of the several ages and breeds, including grades and crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885 Fat Stock Shows.

Sheep.	Cotswold	Leicester	Lincoln	Other long wools	Southdown	Shropshire	Hampshire	Oxford	Other downs	American Merino	Other fine wools	Grades or crosses	Sweepstakes	Grand sweepstakes	Pen wethers	Dressed carcass	Heaviest fat Sheep	Gain per day	Cost of production	Total
Wether 2 years old or over—																				
1878																				
1879	5			2	10				4			18	21							60
1880	5			1	9					1		7	14		2	3				42
1881	5				5				3			2	10		2					26
1882	5			3	3				3			5	10		1					30
1883	8			2	2				6	6		6	15		3	2				50
1884	2	1			7				5			6	4		4	2				31
1885	5	5	3		5	5	4	4				11	3		6	4			3	57
Wether 1 and under 2 years—																				
1878	1												2							3
1879	5				8							12	12							37
1880	2				5				2	2		4	11			3				26
1881	3				5				2			4	9							23
1882	4			2	3				1			4	9							23
1883	6			3	4				5	3		8	11			2				42
1884	1				7				4			12	4		4	4				36
1885	5	3	4		10	4	2					8	2		6	4				48
Wether under 1 year—																				
1878	2																			2
1879	1				2							4	6							13
1880	1				1					1		3	4							10
1881					2							3	5							10
1882	1			2	3				1			3	6							16
1883	4			1	2				2	3		9	12			3				36
1884	1				3				1			6	3			2				16
1885	3	2	2		5	1	6					8	2			1				34
Ewe 2 years old or over—																				
1878	3												4							7
1879	16				8				2			10	22							58
1880	1				2					2		1	4							10
1881	1				1							1	3							6
1882	3			1	1				3	4		3	6							21
1883																				
Ewe 1 and under 2 years—																				
1878													1							1
1879	13				2				1			4	16							36
1880					2				1	2		1	4							10
1881	7											4	6							17
1882	1			1					5	1		4	4							16
1883																				
Ewe under 1 year—													2							2
1879	4			1	1							2	5							13
1880				1	2				1			3	4							11
1881	5											6	8							19
1882	1								1	1		3	3							9
1883																				
All ages—																				
1878														9						9
1879														49						49
1880														19			7			26
1881														14		6				20
1882														23		7				30
1883														19		6	6			31
1884														3		2	3			8
1885														3		6	14			23

Class C—Sheep—Continued.

Sheep.	Cotswold	Leceister	Lincoln	Other long wools	Southdown	Shropshire	Hampshire	Oxford	Other downs	American Merino	Other fine wools	Grades or crosses	Sweepstakes	Grand sweepstakes	Pen wethers	Dressed carcass	Heaviest fat Sheep	Gain per day	Cost of production	Total
Total entries—																				
1878	6	..	..	..	..	..	..	..	..	..	..	..	9	9	..	..	..	..	..	24
1879	44	..	..	3	31	..	..	..	7	..	..	50	82	49	2	2	..	..	..	284
1880	9	..	..	2	21	..	..	..	4	8	..	19	41	19	..	3	..	..	..	138
1881	21	..	..	..	13	..	..	..	4	..	..	20	41	14	2	..	..	..	..	121
1882	15	..	..	9	10	..	..	..	14	6	..	22	38	23	1	..	..	..	..	145
1883	18	..	..	6	8	..	..	..	13	12	..	23	38	19	3	7	..	..	..	159
1884	4	1	..	..	17	..	..	..	10	..	..	24	11	3	8	8	..	3	..	91
1885	13	10	9	..	20	10	12	8	..	..	..	27	7	3	12	9	6	14	3	162

CLASS D—SWINE.

Table giving the number of entries of Swine of the several ages and breeds, including grades and crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883, 1884 and 1885 Fat-Stock Shows.

Swine.	Berkshire	Poland China	Chester White	Victoria	Duroc or Jersey Red	Essex	Yorkshire	Suffolk	Other small breeds.	Grades or Crosses	Sweepstakes	Grand Sweepstakes	Pen barrows	Heaviest fat Hog	Dressed carcass	Gain per day	Total
Barrow 2 years old or over—																	
1878	..	2	1	..	..	..	..	..	..	..	4	..	..	..	..	..	7
1879	..	2	..	..	..	2	..	..	..	..	3	..	..	..	.	..	7
1880	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1881	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1882	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Barrow 1 year old and under 2 years—																	
1878	..	2	..	..	..	..	..	..	..	1	7	..	..	..	..	..	10
1879	5	6	..	..	..	2	..	..	..	2	15	..	..	..	..	..	30
1880	..	3	..	..	..	..	..	..	..	3	5	..	..	..	..	..	11
1881	1	3	1	..	..	..	..	..	..	1	7	..	..	..	..	..	13
1882	3	13	3	2	3	4	..	..	..	5	23	..	3	..	3	..	61
1883	4	13	3	9	5	4	..	..	..	11	23	..	4	..	5	..	82
1884	1	14		3	5	1	..	3	..	8	7	..	5	..	7	..	54
1885	1	12	5	1	4	3	..	3	..	11	8	..	6	..	10	..	64
Barrow 6 months old and under 1 year—																	
1878	..	3	..	..	..	..	..	..	..	2	5	..	..	..	..	..	10
1879	..	4	..	..	..	..	..	..	..	2	7	..	..	..	..	..	13
1880	..	2	2	..	..	..	..	..	..	2	3	..	..	..	..	..	9
1881	..	..	..	..	..	3	..	..	..	2	5	..	..	..	..	..	10
1882	1	2	1	3	2	4	.	..	..	1	10	..	..	..	3	..	27
1883	2	6	1	6	1	3	..	.	..	4	18	.	..	..	6	..	48
1884	..	3	.	1	3	3	3	3	..	2	6	..	3	..	6	..	33
1885	2	7	4	4	3	..	4	3	..	3	7	..	5	..	9	..	61
Barrow under 6 months old—																	
1878	..	1	..	..	..	..	..	..	..	..	3	..	..	..	..	..	4
1879	5	2	..	..	..	1	..	..	..	..	7	..	..	..	..	..	15
1880	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1881	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1882	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Sow 2 years old or over—																	
1878	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
1879	1	3	..	..	..	3	..	..	..	3	8	..	..	..	..	..	18
1880	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1881	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
1882	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	.	....
1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....
Sow 1 and under 2 years—																	
1878	2	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	4
1879	1	3	..	..	..	2	..	..	..	2	3	..	..	..	..	..	11
1880	1	1	1	.	..	..	..	..	..	2	3	..	..	..	..	..	8
1881	1	1	1	..	..	2	..	..	..	2	7	..	..	..	.	..	15
1882	1	7	3	1	1	2	..	..	..	1	11	..	..	..	..	..	27
1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	....

Class D—Swine—Continued.

Swine.	Berkshire	Poland China	Chester White	Victoria	Duroc or Jersey Red	Essex	Yorkshire	Suffolk	Other small breeds.	Grades or Crosses.	Sweepstakes	Grand Sweepstakes	Pen barrows	Heaviest fat Hog	Dressed carcass	Gain per day	Total
Sow 6 months old and under 1 year—																	
1878	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1879	3	3	..	..	..	..	..	..	4	1	8	..	..	..	..	..	19
1880	..	3	2	..	..	..	..	..	..	2	5	..	..	..	..	..	12
1881	..	3	2	..	..	3	..	..	..	4	7	..	..	..	..	..	18
1882	2	4	2	1	1	4	..	..	..	..	9	..	..	..	..	..	23
1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sow under 6 months old—																	
1878	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
1879	3	1	..	..	..	2	..	..	..	..	6	..	..	..	..	..	12
1880	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1881	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1882	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Ages—																	
1885	2	2	2	2	2	1	1	1	.	2	..	..	..	..	..	..	15
Total—																	
1878	2	11	1	..	..	1	..	..	..	3	19	13	..	..	.	..	50
1879	18	24	..	..	..	12	..	..	4	10	57	16	1	..	..	..	142
1880	1	9	5	..	..	..	..	..	..	9	16	14	..	2	..	..	56
1881	3	6	4	..	..	8	..	..	..	9	26	16	..	10	..	..	82
1882	7	29	8	7	7	14	..	..	.	7	53	42	3	5	6	..	185
1883	6	19	4	15	6	7	3	..	..	17	41	26	4	7	11	13	174
1884	1	17	..	4	8	4	..	6	..	10	13	2	8	5	13	7	101
1885	5	21	11	7	9	4	5	7	..	26	15	10	11	4	19	14	168

1878.

State.	Cattle.		Sheep.		Hogs.	
	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.
Illinois	83	$1,320	6	$100	36	$340
Kentucky	25	145	...	.....	....	....
Missouri	13	.....	..	.....	...	.....
Indiana	9	65	...	.....	9	50
Iowa	6	25	...	.....	....	.....
Wisconsin	1	.....	...	.....	....	.....
Michigan	....	.....	5	40	3	20
Ohio	....	.....	....	.....	3	20
Canada	....	.....	13	150	....	.....
Total	138	$1,555	24	$290	51	$430

1879.

Illinois	260	$1,970	199	$505	112	$305
Kentucky	16	200	..	.....	..	.....
Missouri	4	15	....	.....	....	....
Indiana	8	50	....	.....	11	45
Iowa	3	75	...	.....	...	.....
Wisconsin	6	.....	11	.....	..	.....
Michigan	....	.....	16	70	19	105
Ohio	6	.....	...	.....	....	.....
Canada	....	.....	58	225	...	.....
Total	303	$2,310	284	$800	142	$455

1880.

Illinois	229	$1,305	110	$345	42	$215
Iowa	13	125	....	.....	...	.....
Kentucky	6	125	....	.....	....	.....
Ohio	5	15	...	.....	....	.....
Indiana	2	.....	...	.....	14	150
Michigan	....	.....	2	25	...	.....
Canada	....	.....	26	170	....	.....
Total	25	$1,570	138	$540	56	$365

1881.

Illinois	204	$1,580	68	$339	49	$313
Wisconsin	14	170	...	.....	....	.....
Kentucky	24	125	7	60	....	.....
Iowa	10	85	...	.....	...	.....
Canada	3	80	35	190	...	.....
Michigan	....	.....	11	54	12	79
Indiana	....	.....	...	.....	25	80
Total	255	$2,040	121	$643	84	$472

1882.

Illinois	165	$1,400	69	$310	143	$725
Ohio	10	30	5	17	....	.....
Canada	21	410	41	216	..	.....
Indiana	9	120	...	.....	26	110
Iowa	27	420	...	.....	3	20
Michigan	6	.....	30	215	13	3
Total	238	$2,380	145	$758	185	$890

1883.

State.	Cattle.		Sheep.		Hogs.		Dairy.	
	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.	No. entries.	Amount premiums paid.
Illinois	265	$1,560	73	$378	134	$880	....	.....
Indiana	59	330	..	...	31	160	....	.....
Michigan	7	.....	31	212	9	70	....	.....
Kentucky	38	80	..	...	-	.....	....	.....
Ohio	21	240	19	260	...	.....	....	.....
Iowa	20	185	....	.....	....	.....	....	.....
Wyoming	13	.....	....	.....	....	.....	....	.....
Canada	22	460	33	210	...	.....	....	.....
Missouri	13	.....	...	.....	....	.....	....	.....
Total	458	$2,855	159	$1,060	174	$1,110	....	.....

1884.

Illinois	178	$875	45	$430	59	$750	....	.....
Indiana	96	715	....	.....	8	35	....	.....
Canada	22	481	....	.....	....	.....	....	.....
Ohio	26	300	15	60	....	.....	....	.....
Kentucky	24	195	...	.....	....	.....	....	.....
Iowa	36	85	...	.....	16	130	....	.....
Nebraska	26	85	....	.....	....	.....	....	.....
Missouri	5	75	....	.....	....	.....	....	.....
Kansas	11	20	....	.....	....	.....	....	.....
Minnesota	10	.....	..	.....	..	.....	....	.....
Michigan	....	.....	31	530	18	150	....	.....
Total	434	$2,835	91	$1,020	101	$1,065	....	.....

1885.

Illinois	157	$1,285	49	$390	130	$900	298	$405 74
Indiana	190	1,475	....	.....	....	.....	22	35 00
Iowa	38	515	....	.....	....	.....	87	151 32
Kansas	28	20	....	.....	....	.....	...	.....
Kentucky	14	210	..	.....	....	.....	..	.....
Michigan	2	.....	51	555	29	155	19	40 09
Missouri	27	210	....	.....	....	.....	....	.....
Minnesota	14	330	....	.....	..	.....	36	80 78
Ohio	9	250	20	190	18	135	12	10 00
Tennessee	3	75	....	.....	....	.....	....	.....
Canada	....	.....	30	530	....	.....	....	.....
England	....	.....	12	155	....	.....	113	367 15
Wisconsin	....	.....	....	.....	....	.....	13	34 92
New York	10	125	....	.....	....	.....	....	.....
Pennsylvania	8	.....	....	.....	....	.....	4	.....
Nebraska	...	.....	....	.....	....	.....	14	10 00
Total	400	4,495	162	1,820	168	$1,190	618	$1,135 00

STATE EXHIBITS.

The following table gives the total number of entries of Cattle, Sheep, Hogs and Dairy Products exhibited from the several States at the eight Fat Stock Shows, as well as the total amount of premiums paid thereon.

State.	Cattle.		Sheep.		Hogs.		Dairy.		Total.	
	No. entries...	Amount premiums paid.	No. entries...	Amount premiums paid.	No. entries...	Amount premiums paid.	No. entries...	Amount premiums paid.	No. entries...	Amount premiums paid.
Illinois	1541	$11,295	619	$2,797	705	$4,428	298	$405 74	3163	$18,925 74
Kentucky	148	1,080	7	60	....	.....	....	.....	155	1,140 00
Missouri	62	300	....	.....	...	.....	....	.....	62	300 00
Indiana	273	2,755	...	.....	122	630	22	35 00	417	3,420 00
Iowa	153	1,515	11	.....	19	150	87	151 32	270	1,816 32
Wisconsin	21	170	....	.....	..	.....	113	367 15	134	537 15
Michigan	15	.....	180	1,701	94	614	19	40 09	308	2,355 09
Ohio	77	835	59	527	21	155	12	10 00	109	1,527 00
Minnesota	24	330	....	.....	....	.....	36	80 78	60	410 78
Nebraska	26	85	....	.....	...	.....	14	10 00	40	95 00
Kansas	39	40	...	.....	....	.....	....	.....	39	40 00
Canada	68	1,435	236	1,691	...	.....	....	.....	304	3,126 00
Wyom'g Terr.	13	.....	....	.....	...	.....	....	.....	13	.....
Tennessee	3	75	...	.....	....	.....	..	.....	3	75 00
England	..	.....	12	155	....	.....	..	.....	12	155 00
New York	10	125	....	.....	....	.....	13	34 92	23	159 92
Pennsylvania	8	.....	...	.....	....	.....	....	.....	8	.....
Total	2481	$20,040	1124	$6,931	991	$5,977	616	1,135 00	5184	$34,083 00

SALES—CLASS A—CATTLE.

Seller.	Breed.	Name of Animal.	Age in days.....	Average gain per day since birth..	Weight	Price received per 100 lbs. gross....	Average increase in value per day since birth.....	*Pr c. obtained over market rates at stock yards, 100 gross	Amount received over market value .....
C. S. Barclay, West Liberty, Ia	Short-Horn	White Cedar	1,077	1.76	1,900	$7 00	$0 12	$1 00	$19 00
" "	"	Snowball	1,078	1 56	1,680	8 00	12	2 00	33 60
Elbert & Falls, Albia, Ia	"	Cleveland	497	2 59	1,290	10 00	26	4 00	51 60
J. R. Peak & Son, Winchester	"	Baron Constance	867	1 90	1,645	8 00	15	2 00	32 90
" "	"	Joe Cannon	984	1.83	1,800	8 00	15	2 00	36 00
" "	"	L. Cunningham	982	1.84	1,805	8 00	15	2 00	36 10
" "	"	Gen. Custer	1,023	1.82	1,860	8 00	14	2 00	37 20
J. H. Potts & Son, Jacksonville	"	Frank	905	1.78	1,615	9 00	16	3 00	48 45
W. S. White, Sabetha, Kas	"	Roan Twin	1,026	1.91	1,960	7 12½	14	1 12½	22 10
William Millar, Mattoon	"	Lillie Airdrie 2d	2,796	.73	2,045	5 25	04	.....	.....
1885, average 10 head			.....	.....	.....	$7 84	.....	.....	.....
1884, " 8 "			.....	.....	.....	7 06	.....	.....	.....
1883, " 8 "			.....	.....	.....	6 97	.....	.....	.....
1882, " 5 "			.....	.....	.....	8 70	.....	.....	.....
1881, " 3 "			.....	.....	.....	6 42	.....	.....	.....
1880, " 6 "			.....	.....	.....	6 81	.....	.....	.....
George Elliott, Harristown	Gr. Short-Horn	Little Britain	1,139	1.55	1,765	7 00	11	1 00	17 65
John D. Gillett, Elkhart	"	Lookover	1,292	1.49	1,925	8 50	13	2 50	48 12
" "	"	Driver	967	1.82	1,760	8 50	15	2 50	44 00
" "	"	Bob	506	2.49	1,250	8 50	21	2 50	31 50
John P. Gillett, Elkhart	"	Adams	1,310	1.57	2,060	8 50	13	2 50	51 50
" "	"	Red Jacket	1,390	1.39	1,930	8 50	12	2 50	48 25
" "	"	Pointover	1,339	1.47	1,965	8 50	12	2 50	49 12
" "	"	Red Plum	828	1.88	1,560	8 50	16	2 50	39 00
A. A. Noys, Steamboat Rock, Ia	"	Jim	2,053	1 39	2,850	7 00	09	1 00	28 50
J. R. Peak & Son, Winchester	"	Wild Bill	944	1.67	1,580	6 35	11	35	5 53
" "	"	Henry	617	2.07	1,275	6 00	12	.....	.....
" "	"	Arch	608	2 12	1,290	6 00	13	.....	.....
" "	"	Marcus	632	1.83	1,155	6 00	11	.....	.....
" "	"	Richard	619	1.90	1,170	6 00	11	.....	.....
" "	"	Tommylin	621	1.83	1,140	6 00	11	.....	.....
" "	"	Roan Boy	976	1 73	1,685	8 00	14	2 00	33 70

Sales—Continued.

Seller.	Breed.	Name of Animal.	Age in days	Average gain per day since birth	Weight	Price received per 100 lbs. gross	Average increase in value per day since birth	*Price obtained over market rates at stock yards, 100 gross	Amount received over market value
J. H. Potts & Son, Jacksonville	Gr. Short-Horn	Champion	1,354	1.43	1,940	$7 00	0.10	$1 00	$19 40
" "	"	Red Cloud	962	1.88	1,810	7 00	13	1 00	18 10
" "	"	Major Taylor	872	1.81	1,580	7 00	13	1 00	15 80
" "	"	Mack	985	1.63	1,610	7 00	11	1 00	16 10
" "	"	Billie S	906	1 81	1,640	7 00	13	1 00	16 40
" "	"	Victor	961	1.88	1,805	8 50	16	2 50	45 12
" "	"	Richmond	905	1 71	1,545	9 00	15	3 00	46 35
B. Waddel, Marion, O	"	Dan	1,166	1.78	2,080	7 00	12	1 00	20 80
" "	"	Phillip	365	2 92	1,065	7 00	20	1 00	10 65
1885, average 25 head						$7 37			
1884, " 27 "						7 97			
1883, " 52 "						7 73			
1882, " 22 "						8 32			
1881, " 37 "						7 48			
1880, " 4 "						6 05			
Adams Earl, Lafayette, Ind	Hereford	Elkington	1,023	1.57	1,605	7 75	12	1 75	28 09
Fowler & VanNatta, Fowler, Ind	"	Tempest	1,162	1 61	1,710	8 60	13	2 00	34 20
B. Hershey, Muscatine, Ia	"	Champion	1,073	1.56	1,680	7 00	11	1 00	16 80
Indiana Blooded Stock Co., Indianapolis, Ind	"	Suspense	1,266	1.78	2,260	7 00	12	1 00	22 60
" " "	"	Champion	1,314	1.57	2,065	7 00	11	1 00	20 65
" " "	"	Cornwall	1,316	1.60	2,105	7 00	11	1 00	21 05
" " "	"	Stokesay	1,286	1.41	1,820	7 00	10	1 00	18 20
George Leigh & Co., Aurora	"	Sampson	925	1 74	1,610	10 00	17	4 00	64 40
Swan & Bosler Land and Cattle Co., Indianola, Ia	"	Jim	1,304	1 38	1,805	8 00	11	2 00	36 10
" " "	"	George	1,245	1.40	1,750	8 00	11	2 00	35 00
" " "	"	Alfred	1,241	1.44	1,790	8 00	11	2 00	35 80
" " "	"	Tom	1,264	1 69	2,140	8 00	13	2 00	42 80
" " "	"	Grace	1,604	1 17	1,875	12 50	15	6 59	21 87

1885, average 13 head							8 19				
1884, " 5 "							8 40				
1883, " 3 "							6 72				
1882, " 1 "							8 50				
1881, " 5 "							9 00				
1880, " 2 "							12 50				
C. M. Culbertson, Chicago	Grade Hereford	Pearce	1,275	1.52	1,945	7 75	12	1 75	34 04		
" "	"	Dysart	1,214	1.56	1,890	7 75	12	1 75	31 67		
" "	"	Reynolds	1,289	1 57	2,025	7 75	12	1 75	35 44		
Adams Earl, Lafayette, Ind	"	Scott	1,305	1.64	2,140	7 75	13	1 75	37 45		
" "	"	Dick	1,252	1.72	2,160	7 75	13	1 75	37 80		
" "	"	Excelsior	1,302	1.59	2,070	7 75	12	1 75	35 22		
Fowler & VanNatta, Fowler, Ind	"	Sir Bartle 1st	713	2.06	1,470	7 75	16	1 75	25 72		
" "	"	Regulus	1,306	1.79	2,345	8 00	14	2 00	46 90		
" "	"	Sam	697	1 94	1,355	7 50	14	1 50	20 32		
" "	"	Dandy Boy	1,017	1 87	1,905	7 50	14	1 50	28 57		
B. Hershey, Muscatine, Ia	"	Adonis	1,030	1.87	1,930	7 50	13	1 50	28 95		
" "	"	Prospect	978	1.96	1,920	7 00	14	1 00	19 20		
" "	"	Sam	235	3 06	720	4 00	12				
	"	Frank	277	2 92	810	4 00	12				
Indiana Blooded Stock Co., Indianapolis, Ind	"	Tom	432	2 15	930	7 00	15	1 00	9 30		
" " "	"	Jerry	421	2.20	925	7 00	15	1 00	9 25		
" " "	"	Photograph	665	1 94	1,290	7 00	15	1 00	12 90		
" " "	"	Leland	705	2.09	1,475	7 00	15	1 00	14 75		
" " "	"	Lindall	714	2.18	1,555	7 00	15	1 00	15 55		
" " "	"	Stonington	1,350	1.41	1,900	7 00	10	1 00	19 00		
C. B. Stuart, Lafayette, Ind	"	Texas Boy	910	1 65	1,500	8 00	13	2 00	30 00		
Swan & Bosler Land and Cattle Co., Indianola, Ia	"	Honest Ben	354	2.82	1,000	7 50	21	1 50	15 00		
" " "	"	Model	345	2 68	925	8 11	22	2 11	19 52		
" " "	"	Swan's Shield	319	2.66	850	8 82	23	2 82	23 97		
" " "	"	Pattern	353	2.34	825	5 00	12				
1885, average 25 head						$7 17					
1884, " 16 "						8 28					
1883, " 21 "						7 87					
1882, " 5 "						7 40					
1881, " 11 "						9 11					
1880, " 2 "						12 50					
James J. Hill, St. Paul, Minn	Aberdeen-Angus	Benholm	1,022	1 91	1,955	9 28	18	3 28	64 12		
Indiana Blooded Stock Co., Indianapolis, Ind	"	Logan	761	1 98	1,515	7 00	14	1 00	15 15		
" " "	"	Blaine	774	2 08	1,610	7 00	14	1 00	16 10		
1885, average 3 head						$7 76					

Sales—Continued.

Seller.	Breed.	Name of Animal.	Age in days	Average gain per day since birth	Weight	Price received per 100 lbs. gross	Average increase in value per day since birth	*Price obtained over market rates at stock yards, 100 gross	Amount received over market value
James J. Hill, St. Paul, Minn.	Grade Angus	Turriff	1,383	1.55	2,140	$8 86	$0 14	$2 86	$39 80
" "	"	McKessack	1,336	1.55	2,070	7 50	12	1 50	31 05
" "	"	Kinloss	1,305	1.62	2,115	8 90	14	2 90	61 33
1885, average 3 head						$8 42			
Overton Lea, Nashville, Tenn	Sussex	Rosy	705	1.96	1,380	6 00	12		
Total									$2,199 16

*The price for choice export Cattle for the week of the Show did not average over $6 per 100 pounds, gross.

SALES—CLASS C—SHEEP.

Seller.	Breed.	Name of Animal.	Age in days	Average gain per day since birth	Weight	Price received per 100 lbs. gross	Average increase in value per day since birth	*Price obtain'd over market rates at stock yards, 100 pounds gross	Amount received over market value
Mrs. Ann Newton, Pontiac, Mich	Cotswold	Prince	976	.25	249	$7 00	$0 18	$3 50	$8 71
B. Waddel, Marion, O	"	Jumbo	945	.28	265	6 00	0 17	2 50	6 62
" "	"	Peter	893	.23	210	6 00	0 14	2 50	5 25
1885, average 3 head						$6 33			
1884, " 2 "						8 00			
1883, " 1 "						8 00			
1882, " 7 "						7 00			
W. D. & L. C. Anderson, Anderson, O	Southdown	Victor	611	.31	190	$6 50	0 20	3 00	5 70
J. H. Potts & Son, Jacksonville	"	Hershey	589	.27	160	7 00	0 20	3 50	5 60
" "	"	George	589	.26	151	7 00	0 18	3 50	5 28
" "	"	Barney	955	.25	243	7 00	0 18	3 50	8 50
" "	"	Pet	955	.22	210	7 00	0 15	3 50	7 35
" "	"	Charlie	955	.23	219	7 00	0 16	3 50	7 66
" "	"	Fred	955	.22	215	7 00	0 16	3 50	7 52
" "	"	Pat	955	.22	210	7 00	0 15	3 50	7 35
1885, average 8 head						$6 84			
1884, " 3 "						8 33			
1883, " 4 "						8 00			
Mrs. Ann Newton, Pontiac, Mich	Leicester	Will	961	.27	256	7 00	0 19	3 50	8 96
John Rutherford, Roseville, Ont	"	Curly Jim	1,305	.26	346	8 50	0 22	5 00	17 30
Frank Strout, McLean	"	Joe	1,320	.13	170	7 00	0 09	3 50	5 95
B. Waddel, Marion, O	"	John	943	.22	211	6 00	0 13	2 50	5 27
" "	"	Noble	915	.26	241	6 00	0 16	2 50	6 02
1885, average 5 head						$6 90			
Mrs. Ann Newton, Pontiac, Mich	Lincoln	Duke	957	.24	227	7 00	0 17	3 50	7 94
John Rutherford, Roseville, Ont	"	James Brown	910	.31	282	8 50	0 26	5 00	14 10
1885, average 2 head						$7 75			

Sales—Continued.

Seller.	Breed.	Name of Animal.	Age in days	Average gain per day since birth	Weight	Price received per 100 lbs. gross	Average increase in value per day since birth	*Price obtain'd over market rates at stock yards, 100 pounds gross	Amt. received over market value
Mrs. Ann Newton, Pontiac, Mich	Shropshire	Dick	1,311	.19	257	$7 00	$0 13	$3 50	$8 99
" "	"	Sampson	983	.26	256	7 00	0 18	3 50	8 96
" "	"	Pug	587	.33	193	7 00	0 23	3 50	6 75
" "	"	George	222	.54	120	8 00	0 43	4 50	5 40
B. Waddel, Marion, O	"	George	915	.20	186	6 00	0 12	2 50	4 65
" "	"	Joe	691	.27	185	6 00	0 16	2 50	4 62
" "	"	Lee	691	.25	170	6 00	0 15	2 50	4 25
1885, average 7 head						$6 71			
Mrs. Ann Newton, Pontiac, Mich	Hampshire	Bedford	205	.50	105	8 00	0 41	4 50	4 72
" "	"	Frank	1,344	.18	241	7 00	0 12	3 50	8 43
" "	"	Farmer	985	.22	229	7 00	0 16	3 50	8 01
" "	"	Hero	596	.39	231	8 00	0 31	4 50	10 39
" "	"	Duke	599	.36	218	8 00	0 30	4 50	9 81
John Rutherford, Roseville, Ont	"	Charlie	938	.28	262	8 50	0 24	5 00	13 10
1885, average 6 head						$7 75			
1884, " 1 "						1 00			
John Rutherford, Roseville, Ont	Oxford	Jumbo	1,300	.21	279	8 50	0 18	5 00	13 95
1885, average 1 head									
1884, " 1 "									
Mrs. Ann Newton, Pontiac, Mich	Hamp.-Cotswold	Jerry	952	.32	310	7 00	0 23	3 50	10 85
" "	"	Blaine	954	.29	280	7 00	0 20	3 50	9 80
1885, average 2 head						$7 00			
1884, " 1 "						9 00			

B. Waddel, Marion, O	Cots.-Shropshire	Martin	945	.22	210	6 00	0 13	2 50	5 25
" "	"	Henry	940	.22	204	6 00	0 13	2 50	5 10
1885, average 2 head						$6 00			
B. Waddel, Marion, O	Shrop.-Southd'n	Ben	686	.26	177	6 00	0 15	2 50	4 42
" " "	"	Willie	686	.26	179	6 00	0 17	2 50	4 47
" " "	"	Fant	683	.28	191	6 00	0 17	2 50	4 77
1885, average 3 head						$6 00			
B. Waddel, Marion, O	Leicester-Cotsw.	Longtail	100	.77	77	6 00	0 46	2 50	1 92
Total									$299 69

* The price of strictly choice grade of Sheep, for the week of the Show, did not average over $3.50 per 100 pounds gross.

SALES—CLASS D—SWINE.

Seller.	Breed.	Name of Animal.	Age in days.	Average gain per day since birth.	Weight.	Price received per 100 lbs. gross.	Average increase in value per day since birth.	*Price obtained over market rates at stock yards. 100 pounds gross.	Amount received over market value
Frank Srout, McLean	Berkshire	Bill	530	.82	437	$3.90	$0.32	$0.10	$0.44
" "	"	Scott	345	.83	288	3.90	0 32	.10	.29
" "	"	Jim	345	.81	280	3.90	0.32	.10	.28
1885 average 3 head						$3.90			
Frank Srout, McLean	Poland-China	Jock	542	1.00	545	3.90	0.40	.10	.54
Thos. Bennett, Rossville	Duroc Jersey Red	Cleveland	555	1.11	615	3.60	0.40		
" "	"	Blaine	555	.96	533	3.60	0.34		
" "	"	Mugwump	545	.91	494	3.60	0.33		
1885 average 3 head						$3.60			
1884 " 12 "						4.41			
1883 " 5 "						5.55			
1882 " 6 "						6.83			
L. C. Henley, Mattoon	Yorkshire	Clark	273	1.02	278	4.00	0.41	.20	.56
" "	"	Joe	227	.96	219	4.00	0.38	.20	.44
" "	"	Ed	227	1.24	282	4.00	0 49	.20	.56
" "	"	Dan	169	1.19	202	4.00	0.48	.20	.40
1885, average 4 head						$4.00			
L. C. Henley, Mattoon	Yorkshire Pol.-C	Logan	379	1.09	412	4.00	0.43	.20	.82
" "	"	John A	381	1.25	475	4.00	6.50	.20	.95
" "	"	Blaine	381	1.22	465	4.00	0.49	.20	.93
" "	"	Gillespie	381	1.24	474	4.00	0.50	.20	.95
" "	"	Jim	381	1.21	460	4.00	0.48	.20	.92
1885, average 5 head						$4 00			
Frank Srout, McLean	Grade Pol.-China	Bully	539	1.04	562	3.90	0.41	.10	.56
Total									$8.64

*The price for choice packing hogs for the week of the Show did not average over $3.80 per 100 pounds gross.

COMPARISON OF SALES.

The following table is given in order that a comparison may be made, so far as reported, of the prices obtained for stock exhibited and sold at the last six Fat Stock Shows.

Year.	Breed Cattle.	No. head.	Price per 100 pounds, gross.
1880	Short-Horn	6	$6 81
1881	"	3	6 42
1882	"	5	8 70
1883	"	8	6 97
1884	"	8	7 06
1885	"	10	7 84
Average		7	$7 30
1880	Grade Short-Horn	2	6 05
1881	" "	27	7 48
1882	" "	22	8 32
1883	" "	52	7 73
1884	" "	27	7 97
1885	" "	25	7 37
Average		26	$7 49
1880	Hereford	1	12 50
1881	"	5	9 00
1882	"	1	8 50
1883	"	3	6 72
1884	"	8	8 40
1885	"	13	8 10
Average		5	$8 87
1880	Grade Hereford	2	12 50
1881	" "	11	9 41
1882	" "	5	7 40
1883	" "	21	7 87
1884	" "	16	8 28
1885	" "	25	7 17
Average		13	$8 77
1880	Devon	2	6 50
1881	"	6	6 50
Average		4	$6 50
1884	Holstein	1	5 50
1885	Aberdeen-Angus	3	7 76
Average		4	$7 76
1885	Grade Aberdeen-Angus	3	8 42
Average		3	$8 42
1885	Sussex	1	6 00
Average		1	$6 00
	Breed Sheep.		
1882	Cotswold	7	$7 00
1883	"	1	8 00
1884	"	2	8 00
1885	"	3	6 33
Average		3	$7 33
1883	Grade Cotswold	4	6 50
Average		1	$6 50
1883	Grade Leicester	1	8 00
Average		1	$8 00

Comparison of Sales—Continued.

Year.	Breed Sheep.	No. head.	Price per 100 pounds, gross.
1883	Southdown	4	$8 00
1884	"	3	8 33
1885	"	8	6 84
Average		5	$7 72
1883	Shorpshire	10	8 00
1885	"	7	6 71
Average		8	$7 35
1883	Merino	5	6 79
Average		5	$6 79
1882	Grade Merino	5	8 50
Average		2	$8 50
1884	Cotswold-Southdown	3	10 00
Average		3	$10 00
1885	Leicester	5	6 90
Average		5	$6 90
1885	Lincoln	2	7 75
Average		2	$7 75
1884	Hampshire	1	8 00
1885	"	6	7 75
Average		3	$7 87
1884	Grade Hampshire	1	4 00
Average		1	$4 00
1884	Hampshire-Cotswold	1	9 00
Average		1	$9 00
1884	Oxford	1	10 75
1885	"	1	8 50
Average		1	$9 62
1884	Grade Oxford	4	6 79
Average		4	$6 79
1884	Grade Shropshire	1	6 00
Average		1	$6 00
1884	Shropshire-Southdown	1	8 00
1885	"	3	6 00
Average		2	$7 00
1885	Hampshire-Cotswold	2	7 00
Average		2	$7 00
1885	Cotswold-Shropshire	2	6 00
Average		2	$6 00
1885	Leicester-Cotswold	1	6 00
Average		1	$6 00

Comparison of Sales—Continued.

Year.	Breed Swine.	No. head.	Price per 100 pounds, gross.
1883	Berkshire	5	$5 25
1885	"	3	3 90
Average		4	$4 57
1882	Poland-China	1	7 00
1883	"	4	5 25
1885	"	1	3 90
Average		2	$5 38
1882	Chester White	4	7 50
1883	"	4	5 25
Average		4	$6 37
1883	Victoria	9	5 25
1884	"	2	4 75
Average		5	$5 00
1883	Grade Victoria	2	5 25
1884	"	3	4 67
Average		2	$4 96
1883	Essex	2	5 22
1884	"	3	5 00
Average		2	$5 12
1885	Yorkshire	4	4 00
Average		4	$4 00
1885	Yorkshire-Poland-China	5	4 00
Average		5	$4 00
1885	Grade Poland-China	1	3 90
Average		1	$3 90
1882	Duroc Jersey Red	6	$6 83
1883	" " "	5	5 55
1884	" " "	12	4 41
1885	" " "	3	3 60
Average		6	$5 10
1883	Grade Duroc	5	5 55
Average		5	$5 55
1884	Suffolk	5	5 00
Average		5	$5 00

SUMMARY OF SALES.

The summary of the sales made of cattle, sheep and hogs exhibited at the Fat Stock Shows, is given in the following tables as far as reported.

The limited number included in the table is partially accounted for by the fact that a large portion of the younger animals were held and fed for future shows.

CATTLE.

Breed.	Number of head.	Av. price per 100 lbs. live weight.
Short-Horns	40	$7 30
Grade Short-Horns	165	7 49
Herefords	28	8 87
Grade Herefords	90	8 77
Devon	8	6 50
Grade Devon	2	6 00
Ayrshire	1	6 00
Holstein	1	5 50
Aberdeen-Angus	3	7 76
Grade Aberdeen-Angus	3	8 42
Sussex	1	6 00

In the average price obtained per pound, live weight, the breeds of cattle take precedence as follows: Herefords, Grade Herefords, Grade Aberdeen-Angus, Angus, Grade Short-Horns, Short-Horns, Sussex, Devons, Grade Devons, Ayrshires and Holsteins.

SHEEP.

Breed.	Number of head.	Av. price per 100 lbs. live weight.
Cotswold	13	$7 33
Grade Cotswold	4	6 50
Grade Leicester	1	8 00
Southdown	15	7 72
Shropshiredown	17	7 35
Merino	5	6 79
Grade Merino	5	8 50
Cotswold-Southdown	3	10 00
Hampshire	7	7 87
Grade Hampshire	1	4 00
Hampshire-Cotswold	1	9 00
Oxford	2	9 62
Grade-Oxford	4	6 79
Grade Shropshire	1	6 00
Shropshire-Southdown	4	7 00
Leicester	5	6 90
Lincoln	2	7 75
Hampshire-Cotswold	2	7 60
Cotswold-Shropshire	2	6 00
Leicester-Cotswold	1	6 00

HOGS.

Breed.	Number of head.	Av. price per 100 lbs. live weight.
Berkshire	8	$4 57
Poland-China	6	5 38
Chester White	8	6 37
Victoria	11	5 00
Grade Victoria	5	4 98
Essex	5	5 12
Duroc Jersey Red	26	5 10
Grade Duroc Jersey Red	5	5 55
Suffolk	5	5 00
Yorkshire	4	4 00
Yorkshire-Poland-China	5	4 00
Grade Poland-China	1	3 90

FINANCES.

The receipts in connection with the Fat Stock Show, as well as the donations of money for the general expense fund, and for special premiums, are given in the following table:

Year.	Receipts.			
	Gate permits, etc.	Donations	Special premiums	Total.
1878	$3,024 06	$1,600 00	.....	$4,624 06
1879	4,701 08	2,770 00	.....	7,471 08
1880	2,633 39	3,295 00	$473 90	6,392 29
1881	2,967 75	4,085 00	808 00	7,860 75
1882	6,271 90	3,435 00	953 00	10,659 90
1883	8,808 90	3,720 00	3,914 00	16,442 90
1884	8,789 95	3,670 00	3,763 00	16,252 95
1885	11,435 93	4,665 00	7,825 50	23,926 43
	$48,632 96	$27,240 00	$17,737 40	$93,610 36

The disbursements, etc., in connection with the eight Fat Stock Shows, including the regular and special premiums awarded, as well as the deficit or credit for each exhibition, are given in the following table:

Year.	Premiums.			Expenses other than premiums	Total expense.	Balance.	Deficit.
	Regular.	Special.	Total.				
1878	$2,395 00	.....	$3,395 00	$2,680 87	$5,075 87	.....	$451 81
1879	4,221 73	.....	4,221 73	5,110 59	9,332 32	.....	1,861 24
1880	2,450 76	$473 90	2,924 66	4,045 81	6,970 47	.....	578 18
1881	3,323 00	808 00	4,131 00	3,747 78	7,878 78	.....	18 03
1882	4,354 00	953 00	5,307 00	4,678 34	9,985 34	$674 56	.....
1883	5,155 00	3,914 00	9,069 00	7,029 52	16,098 52	344 3	.....
1884	4,926 00	3,763 00	8,683 00	7,713 34	16,397 34	.....	174 39
1885	8,840 00	7,825 50	16,665 50	10,896 06	27,561 56	.....	3,635 00
	$35,659 49	$17,737 40	$53,396 89	$45,902 31	$99,300 20	$1,018 94	$6,718 65

PREMIUMS PAID.

The following table gives the total number of entries of cattle, sheep, hogs and dairy products exhibited at the eight Fat Stock Shows, as well as the total premiums (except specials) paid thereon for the years named:

Year.	Cattle.		Sheep.		Hogs.		Dairy.		Total.	
	No. of entries	Amount of premiums paid	No. of entries	Amount of premiums paid	No. of entries	Amount of premiums paid	No. of entries	Amount of premiums paid	No. of entries	Amount of premiums paid
1878	138	$1,555	24	$290	51	$430	.....	.....	213	$2,275
1879	303	2,310	284	800	142	455	.....	.....	729	3,565
1880	255	1,570	138	540	56	365	.....	.....	449	2,475
1881	255	2,040	121	643	84	472	.....	.....	460	3,155
1882	238	2,380	145	758	185	890	.....	.....	568	4,028
1883	458	2,855	159	1,060	174	1,110	.....	.....	791	5,025
1884	434	2,835	91	1,020	101	1,065	.....	.....	626	4,920
1885	360	4,495	.....	1,820	168	1,180	618	$1,135	1,348	8,840
Total	2,481	$20,040	1,124	$6,931	961	$5,977	618	$1,135	5,184	$34,083

METHODS OF FEEDING STOCK, CARE, ETC.

Cattle Exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

These steers were kept in roomy box stalls and allowed to run out on rye and blue-grass pasture morning and evening, whenever the weather would permit. They were fed three times a day on timothy hay, and a mixture of ground oats, bran, corn-meal and shorts, equal quantities of each, and given only what they would readily eat up clean and no more. Plenty of pure, fresh water was always at their disposal.

Steer Rosy, exhibited by Overton, Lea, Nashville, Tenn. Rosy was shipped from England July 25, 1885, and landed at South Quebec early the next month. Am unadvised as to methods of feeding until about August 16, 1885, when my herdsman took charge of him. He had instructions to feed Rosy liberally of hay—timothy and clover—with some corn-meal or oat-meal, and occasionally bean or pea-meal, with a sufficiency of linseed meal to keep his bowels perfectly active, and to give him as much exercise as practicable under the circumstances.

Lillie Airdrie 2d, exhibited by Wm. Millar, Mattoon. Lillie Airdrie was taken off blue-grass pasture about February 1, 1885, and was fed in a lot protected by timber. She was fed half a bushel of shelled corn every day, with mixed timothy and clover hay in rack, having access to grass when not covered with snow. March 1 she was taken to the stable and fed 3 quarts meal and 3 quarts oats three times a day, and when grass came she was turned on to a blue-grass pasture every night and stabled during the day.

Jim, exhibited by A. A. Noyes, Steamboat Rock, Ia. Since he was two years old he has run on blue-grass, timothy and clover pasture and had access to an open shed. He was fed ear corn and oats during summer months, about 30 ears of corn once each day. During winter months he was fed ear corn and oats twice a day. At two years old he weighed 1,715 pounds; at three years old, 2,400 pounds; at four years old, 2,910 pounds.

Cattle exhibited by Fowler & VanNatta, Fowler, Ind., ran with their dams on pasture until about six months old; they were then fed shelled corn and oats, and continued to suck the cows about a month longer, or until they learned to eat well. They were then weaned and turned on grass through the day and put in barn at night. They were fed night and morning on ground oats and corn, with some bran and oil cake a good part of the time. From the first of October until the middle of November or first of December they had what mangel-wurzels they would eat, in addition to their other food. They were always turned out during the day, except when the weather was very hot and the flies bad, when they were kept in during the day and turned out at night. They have also had all the hay (mixed timothy and clover) they would eat. We have never weighed or measured any feed, but have given them just what they would eat, and if any was left in feed box after sufficient time had elapsed for them to have eaten it, it was taken out. We have never used curry-comb or brush until a couple of weeks before we went to the Show, when we have them thoroughly groomed. When in the barn they are kept in loose box stalls.

Steer Joe, exhibited by Seabury & Sample, Lafayette, Ind., was fed ground corn and oats, two-thirds of the former to one-third of the latter, and a small quantity of oil cake. He was also fed beets occasionally. During the summer he was turned on grass at night and kept in the barn during the day.

Cattle exhibited by B. Waddel, Marion, O. My calves are pushed and kept growing as fast as can be from birth. They are allowed to suck three times a day until one month old; then change to twice a day and commence feeding a little middlings. Water is always kept by them. The very common notion that sucking calves do not need water is a great mistake. This course is pursued until the calves are six months old, when they are ready to wean. I then feed grain twice a day and am careful that they have plenty of good hay or pasture, water and salt. I never give more grain than will be eaten clean. If my animals grow tired of one kind of feed, I change to something else—such as soaked corn, which is fed after being in the water from twelve to twenty-four hours. I always give my stock access to plenty of fresh water and salt, so that they may never get too much at once. My stock is very seldom ailing. Occasionally the calves get the scours, for which I treat them daily to a teaspoonful of ground alum, mixed in their feed, until they are relieved.

Marquis, exhibited by Henry Davis, Dyer, Ind. He was kept in a box stall and sucked the cow most of the time. Part of September and October I milked the cow and mixed in the milk about half a pound of Royal Stock Food, with a little Davis Condiment. September 21, I began feeding him oats. This is all the grain and feed he would eat.

Cattle exhibited by Seth Wadhams, Elmhurst. The cattle ran in pasture during the day, and had corn fodder night and morning, with a ration of two quarts ground oats and two quarts bran, daily.

Cattle exhibited by Gudgell & Simpson, Independence, Mo.: The steers took the milk from only their mothers until about five months old, and they had about all the corn meal, hay and grass they could eat up to the time they were exhibited, together with a small allowance of oil cake. The hay was fed long, the corn meal pure and ground moderately fine and the cake broken. They ran out in grass during the summer, and were fed no grain feed, or but very little, during May and June. During the winter they had a loose box in the barn at night, and ran out during the day. They were fed twice a day, morning and night, and their feed was mainly grass, either green or cured, and corn meal. The care they received was principally to see that they had about all of the feed they would take.

Cattle exhibited by the Swan & Bosler Land and Cattle Company, Indianola, Ia.: Tom. From November 1 until May 1 the steer was rather sparingly fed; then for about six weeks turned out on pasture every night; after that until time of exhibition his consuming capacity was well attended to, but by no means in bulk, the installment plan being resorted to. The kind of feed used was one-third corn, two-thirds oats, and in addition about five pounds of crushed oil cake per day, of the corn and oats ground together, "quantum suff," the feeders judgment being used according to the animals requirements, which varies from time to time. Tonics were frequently given and whatever hay the steer would eat, with water regular three times a day. This system and kind of feed yielded a gain of 420 pounds in the last ninety days of his term.

The five calves to which was awarded second premium were fed the same kind of feed in proportion to their capacity, running on grass until July 1, nursing night and morning until they were at least six months old. During the hot weather and fly season they were kept in the barn until time of exhibition. Their gain was very satisfactory, but did not keep any memorandum of it.

Cattle exhibited by James A. Funkhouser, Plattsburg, Mo.: The five steers under 1 year old, shown by me, were kept separate from the cows and let suck all the milk twice a day until about six months old, then weaned. The calves were fed corn and oats as soon as they commenced eating, until about four months old, then were fed on corn meal, oats, bran and new process linseed meal until Fat Stock Show. I kept no account of amounts fed them, so can't give an exact statement.

SHEEP.

Sheep exhibited by B. Waddel, Marion, O.: All except Jumbo and Long Tail were fed one pound of corn each per day, and were on the best blue-grass pasture, with free access to plenty of good, fresh water and salt. Through the winter they were on pasture. Last summer they had two pounds of corn each per day, and a little hay.

Sheep exhibited by Mrs. Ann Newton, Pontiac, Mich.: The thirty sheep exhibited were fed each day, one-half bushel grain, one half bushel of ground corn and oats, one-half bushel wheat bran, and one-half bushel Royal Stock food mixed together and fed the first thing in the morning. They were also fed one pound clover hay, each, per day. During the summer they were shut up during the day and run on pasture at night, and in the winter they were shut up at night, during the day ran in a large yard and fed wheat straw and corn-stalks, uncut. There was water in the yard and shed, and salt before them all the time.

Sheep exhibited by Frank Willson, Jackson, Mich.: These sheep were fed liberally on hay and roots, with a little grain and Thorley Food in winter; in summer they had grass with grain and a little Thorley Food.

Sheep exhibited by John Rutherford, Roseville, Ont.: As soon as the lambs can eat chopped oats and bran, about the middle of May, they are turned out to pasture and fed for a week. Then they are fed no more grain until they are weaned in August. They are then fed grain till November, when they are penned up and during the winter months fed turnips, carrots and mangolds alternately, with all the clover hay they can eat. The second year they are put on pasture in May. My pasture consists of lucerne, alsike, white, red and yellow clovers. I give each sheep one-half a pound of grain per day—chopped oats, peas and barley, mixed with bran. They always have access to plenty of spring water. If pasture dries up, they are fed a little more grain. If they have no shade trees, they are housed during the heat of the day.

HOGS.

Hogs exhibited by J. A. Countryman, Rochelle, were fattened on soaked corn and grass and were not pampered in any way.

Full-blood Yorkshire Hogs exhibited by L. C. Henley, Mattoon, with the exception of Dan, ran and were fed with stock hogs on the farm until about May 15th, 1885—their dams being fed six ears of corn per day, with slops from kitchen, with a small quantity of milk. About May 15th they were separated from all other hogs, and placed in a lot about 150 feet square, well shaded, but with no other shelter, and feed increased as they would consume it to 12 ears of corn per day. Towards the latter part of July we gave them about ¾ of the above quantity of corn shelled and soaked, the remaining ¼ being fed in the ear. This feed was continued about three months, and was followed with steamed corn meal once per day, soaked corn once per day, and dry corn on the ear once per day, until about the

15th of October, when steamed corn and oats—one part of oats to four of corn—were fed instead of soaked corn. We gave them milk when we had it, and kitchen slops were used to thin must, so hogs could drink it as water. Since October 1st, pumpkins were fed once in two or three days. Dan was fed with stock hogs on grass until Aug. 25th, when he was placed in pen with the above mentioned hogs, and fed with them until October 17th. He weighed 80 pounds when put with the other hogs. October 17th he weighed 160 pounds, and was then put in a close-floored pen, since which time he has been fed 4 quarts of thin must and milk, 3 quarts of steamed corn and oats, and two ears of corn each day. The half-breed Yorkshires and Poland-Chinas were taken from dams at about eight weeks old, placed in pen about 50 by 150 feet, with shelter of planks, not battened, and feed increased to 6 ears of corn each, per day, until about May 15th, when feed was increased to 15 ears of corn per day, and the feed then changed to the same as for the Yorkshires given above.

Hogs exhibited by S. H. Todd, Wakeman, O.: Bob, Dick, St. John, Chub, Boss and George were given sour milk thickened with middlings, and allowed to run in an orchard where they got a few apples, for four and a half months. The next six months they had about the same care and their feed was increased one-third. They had what they would eat clean, and be hungry for the next feed. The milk was then taken away and for about two months and a half they were fed middlings wet with water, made into a tolerably thick slop, and allowed to stand about six hours before feeding. The last three months and a half they had their slop, and with it all the new corn they would eat. As a good deal of my new corn was soft, I gave them more than they could eat, and let the pigs finish after them. I am satisfied that equal parts of meal and middlings, steamed or cooked, would have given a greater gain. I fed twice a day. Don't think it advisable to feed oftener. Hefty, Sam, Ginger, Jim, Tom and Martin were fed middlings and sour skim milk, but it had a bad effect, making pigs look paunchy. Pigs made a good growth on such feed, and if slop had been thickened with equal parts of meal and middlings, I think they would have done better. I feed my pigs a few ashes occasionally, and put a little salt in their swill. I also dissolve, say a teaspoonful, of saltpetre to each hog, and put it in the swill once in ten or twelve days. These hogs ran in a half-acre lot among apple trees.

Hogs exhibited by Frank Willson, Jackson, Mich., were fed corn and water in the winter and mill-feed, with corn on the ear, in summer.

Hogs exhibited by Thomas Bennett, Rossville, Mich., ran with cattle which were fed some corn. When the hogs got too fat to follow the cattle they were put in a lot containing about twenty acres, timber and pasture, with a straw stack for shelter in winter. While in the lot they were fed nothing but corn on the cob.

Winner, exhibited by E. T. Doney, Jackson, Mich., was weaned at two months old, and fed ship-stuff soured, and ran on clover pasture until cold weather set in. He was then put in hog house with five others and fed ship-stuff and two ears of corn a day until spring; then turned on clover and fed as above till the first of October. After that he was fed all the corn he could eat, with fine middlings soured, twice a day, and allowed exercise all the time.

METHODS OF MANUFACTURE OF PREMIUM BUTTER AND CHEESE, EXHIBITED AT THE 1885 FAT STOCK AND DAIRY SHOW.

Creamery Butter Made in May or June.

First premium to Fitzsimmons & Evanson, West McHenry. Milk is taken in once every day and heated to 70°. It is then run through a DeLaval Cream Separator, and the cream left standing for 24 hours. It is then soured, churned, worked and salted.

Second premium to Gurler Bros., DeKalb. The butter was made from centrifugal cream and salted with Worson salt. It was worked twice.

Third premium to J. B. Petty, Mt. Carroll. Cows are full-blood Holstein, grade Holstein, grade Short-Horn and native, about an equal number of each. They had no feed except timothy and blue-grass pasture. Are not milked in stable. Cows are stabled in winter. The milk was run through a DeLaval Separator. The cream was soured before churning and the butter was worked twice.

Creamery Butter Made at Any Time.

First premium to McCray & Kessler, Kendallville, Ind. We gather our cream from the farmers. It is raised in the Fairlamb cans, and churned in 200 gallon box churn. We use Ashton's salt and the LaGrange Butter Co.'s fine tubs.

Second premium to A. J. Negus, Marengo. The milk was set in a cheese vat 24 hours. Cream skimmed and held in cream vat 24 hours. Churned in box churn at 58°. Salted immediately from churn. Stands 24 hours and is then re-worked and packed.

Third premium to Doolittle & Barnes, Onarga. This butter was made from gathered cream by the deep-setting system.

Dairy Butter Made at Any Time.

First premium to Mrs. P. G. Henderson, Central City, Ia. Butter made about November 1 from milk of grade Durham and Jersey cows, half of them being fresh within six weeks. They were fed on corn and timothy. The milk was set in Cooley cans and submerged 24 hours. Churned, when cream was ripe, in a box churn, and salted on roller worker.

Second premium to G. B. & C. S. Smith, Eagle, Mich. The butter was made the last week in October, or the first week in November, from the following Jersey cows, viz: Lillie Pope 8589, Vira LeBrocq 13702, Plymouth Maid 6105, Lady Butterfield 17904, Princess of the Realm, Patience LeBrocq and three half-blood Jerseys. The cows were fed four pumpkins each, daily, (without seeds) and two bushels of mangel-wurzel tops daily. No grain of any kind was given them. They were sheltered only on cold nights. Their pasture was rather poor timothy and clover. Use Wilson's creamery. Let the milk stand 36 hours, draw milk and drain from bottom. Let cream ripen 24 hours and churn in a barrel churn; wash thoroughly in three waters when taken from churn and salt one ounce Ashton's salt to a pound of butter; work salt in, let stand four hours, re-work and pack.

Third premium to W. N. McConnell, Dartford, Wis. Butter made from recorded Jersey cows. The cows were turned out on tame feed night and day, and fed one-half bushel of mangel-wurzels each, per day. The butter was made the last week in October. The milk was set in Cooley cans, the water being at a temperature of 48° or 50°, and remained 24 hours. The cream was then taken and set where it would ripen in 24 to 36 hours, and then churned in a Davis swing churn at a temperature of 62° to 64°. The butter comes in 35 or 40 minutes. The buttermilk is then drawn off and the butter washed in clear, cold water, until water runs clear. It is then worked by a lever butter-worker, then salted, one ounce of salt to a pound of butter, then left to stand three or four hours, then worked again moderately and packed. No butter-color whatever was used.

Five Prints or Rolls.

First premium to D. M. Adams, Argenta. Made from milk of Mattie Ogden, A. J. C. C. 16563. Butter was made between the 16th and 25th of October. The cow ran on blue-grass pasture, with a feed of ground corn morning and night. The milk was strained into Cooley cans and placed in water, but not submerged, and kept at a temperature of 52° to 60°, owing to a scarcity of ice. After standing 24 hours it was skimmed and allowed to ripen for about twenty-four hours, or until slightly sour, then churned in a Davis swing churn. When the butter came in a granulated form, it was well washed in the churn, then placed on a lever butter-worker, worked and salted, one ounce to the pound, with Higgins' Eureka salt. After standing one day it was re-worked and packed. No coloring was used.

Second premium to Smiths, Powell & Lamb, Syracuse, N. Y. Butter was made between November 1st and 10th, from pure-bred, recorded Holstein-Friesian cows. The cows were kept in stable, and fed on coarse feed—corn ensilage, twice a day, 20 pounds each feeding, and dry hay and carrots once a day. Mature cows received 4 pounds of grain feed three times a day, the feed being composed of bran and ground oats, ⅔ bran and ⅓ ground oats, fed dry. Deep setting process; cream removed when 12 hours old and churned when slightly acid.

Granulated Butter.

First premium to C. E. Feakins, Kirkland. Butter made November 4th, from native cows. Some were fed corn in the ear, and some have had no grain. They were all running on fall feed. The cream was separated with a Danish Cream Separator, and churned in a Cornish & Curtiss box churn; worked with lever butter worker.

Five Pounds Butter from Milk of one Cow.

First premium to Seth Wadhams, Elmhurst. Butter made from milk of Jersey cow, Lusto 13757. She ran in pasture during the day and was stabled at night. Was fed pumpkins once daily and 4 quarts of bran, morning and night, with hay—mixed clover and timothy. The cream was raised by the Cooley system.

Second premium to John Boyd, Chicago. Butter made from milk of one recorded Jersey cow. She was on pasture, and fed 2 quarts ground oats, 2 quarts bran and 1 pail Royal Stock Food twice a day. The cream was raised by the Cooley or submerged system.

Fancy Print Butter in Shipping Case For Home Market.

First premium to Charles Creamery Co., Chicago. We gather the cream of farmers around Ossian, Iowa. We take good care of it on the road and strain it thoroughly when it reaches the creamery. We get the cream to a temperature of 60° as soon as we can. We churn it the next morning at about the same temperature. We stop churning before the butter gathers much, wash it thoroughly, stir in about one ounce of Syracuse salt to a pound of butter, and let it stand until evening, when it is worked. We prefer a hand-worker to most power-workers.

Second premium to D. M. Adams, Argenta. This butter was made the first week in November from the milk of full-blood and grade Jersey cows. The cows ran on blue-grass pasture, with a feed of ground corn morning and night. The milk was strained

into Cooley cans, but not submerged, and kept at a temperature of 52° to 66°, owing to a scarcity of ice. After standing 24 hours, it was skimmed and allowed to ripen for about 24 hours, or until slightly sour. It was then churned in a Davis swing churn. When the butter came in a granulated form it was well washed in the churn, then placed on a lever butter-worker, worked and salted, one ounce to the pound, with Higgins' Eureka salt. After standing one day it was re-worked, packed and printed with an I. X. L. printing machine. No coloring matter was used.

Butter Made From Milk of One Recorded Jersey Cow.

Premium to A. P. Foster, Plainview, Minn. The cow was kept on clover pasture, supplemented by five pounds of ground corn and oats, half and half. She was fed in barn and tied when milked. Otherwise she was not stabled in summer. I use open, shallow settings and the milk stands in a room where the temperature frequently reaches 70°. It was skimmed in 24 to 36 hours and churned in a Whipple rectangular churn, salted with Higgins' salt, one ounce to a pound. After 24 hours it was worked on a Whitman, Burnell & Co.'s fluted roller butter-worker and packed.

Butter Made From Milk of One Recorded Holstein-Friesian Cow.

Premium to Thos. B. Wales, Jr., Iowa City, Ia. This butter was made from the milk of Mercedes 2d. She was fed hay, corn, meal and bran. The milk was set in Cooley cans and churned in square box churn.

Butter Made From Milk of One Recoded Short-Horn Cow.

Premium to W. H. Fulkerson, Jerseyville. This butter was made from milk of recorded Short-Horn cow, Nels. She ran on blue-grass pasture day and night, with no other feed until two weeks before butter was made, when she received a small feed on corn in the ear, daily. She has had no other feed since last winter. The cream was raised from deep setting, or what is known as the Common Sense Setter Pail. The cream was churned in a Rockford Boss churn, and worked with a lever hand worker.

Butter Made From Milk of One Recorded Hereford Cow.

Premium to Swan & Bosler, Indianola, Ia. The cream was ripened until beginning to show a little acid. It was churned in an ordinary box churn and slightly colored with annattoine color; washed in churn and salted on roller worker. After standing over night it was re-worked and packed for exhibition. One ounce of Ashton's salt was used to a pound of butter.

Package Butter not Less than 50 Pounds.

Premium to Fox River Butter Co., Oswego. The cows producing the milk from which this butter was made are mostly Short-Horns and natives. The herd consists of about 700 cows. About one-half of them were fresh this fall, and one-half last spring. The cream was separated by DeLaval Separators, and held 40 hours, then churned at a temperature of 60°. It was salted with Ashton's salt, on a Reid butter-worker, run by steam. It was worked a second time 24 hours later.

Butter Made in Illinois.

Premium to W. A. Bois, Marengo. This butter was made November 2d. The milk was set in a cheese vat 24 hours, then skimmed and held 24 hours longer in cream-vat. It was churned in a box churn at a temperature of 58°, and salted immediately from churn. It then stood 24 hours, and was re-worked and packed. Three-fourths of an ounce of salt was used to a pound of butter.

Butter Made in Indiana.

Premium to H. C. Beckman, Brunswick, Ind. Butter made in October, from milk of eight Jersey cows. The cows were kept on pasture of mixed grasses—wild grass and some timothy and clover. The latter part of the month they were put on a five acre lot from which hay had been cut in August, and were each fed about two quarts of chopped pumpkins and two pounds of crushed oats, morning and evening, and one bag of ground pea-meal among them. When weather was rainy and cold, they were stabled and given some mixed hay. Cows were milked at 6 o'clock, morning and evening. The cream was separated by the Cooley process in twelve to twenty-four hours. After the cream was separated it was kept in a can at a temperature of 60° to 70°, until ripe. It was churned in a Cornish, Curtis & Green rectangular churn, in from three-quarters of an hour to an hour, and salted with Eureka salt, 7 ounces to eight pounds of butter. No coloring matter was used.

Butter Made in Iowa.

Premium to Summerfield Creamery Co., Postville, Ia. This butter was made by the Gathering System. The milk was collected from farmers four times a week, and the cream raised in common setting cans.

Butter Made in Michigan.

Premium to John T. Clark, Clinton. Cows are principally Jersey and Guernsey grades, with a few thorough-bred Jerseys. During October and November they were tied up at 4:30 P. M., and fed eight or ten pounds of drilled corn-fodder. While being milked the cows were fed twelve pounds of ground pumpkin, and two to four pounds of the following mixture, fed dry: 500 pounds bran, 300 pounds corn-meal, and 100 pounds O. P. oil-meal. The cows remain in the barn all night, and at 5 o'clock A. M. are fed five to six pounds of clover and timothy hay, and while being milked, receive the same grain ration as in the evening. At from 7 to 9 A. M. (according to weather) they are turned out to graze on blue-grass pasture. This mode of treatment, with certain modifications as to seasons, appetites and condition of cows, has given the best results. A grain ration, richer in carbohydrates and increased in quantity about 25 per cent., is fed during the winter, and sugar beets are substituted for pumpkins.

The milk was set in Champion Cabinet creameries, and allowed to stand 12 to 24 hours. The cream is then drawn off and placed in the cream tank to ripen. This process is aided by steam when temperature is too low, and retarded by ice when too high. When properly ripened it is tempered to 60° Fahrenheit and churned in a Davis Swing Churn until granulated, when the butter is drawn off. It was then washed, first with cold water, and the second and third times with strong brine. After it drained it was weighed, and 1 to 1¼ ounces of salt to 1 pound of butter was mixed with it thoroughly without working, and then lightly packed in tubs. The next day it was worked on a Skinner butter-worker, and packed in tubs for market. Ashton salt was used. No sugar, saltpetre or coloring matter was used.

Butter Made in Minnesota.

Premium to F. D. Holmes, Owatonna. This butter was made in October from the milk of Durham cows. The cream was kept 24 hours and soured, then churned in a Curtis Factory churn. It was washed in granulated form and salted with Higgins' salt, one ounce to the pound; then stood 24 hours and worked lightly and packed.

Butter Made in Wisconsin.

Premium to Charles Thorp, Burnett Junction. This butter was made in October from the milk of eight cows, all grade Jerseys but one. They were on red clover and timothy pasture, with no other feed. The butter was churned in a "Favorite" barrel churn and worked by hand. The milk was set in a Scovill creamery can (deep setting) and the cream gathered every twelve hours.

Butter Made in Nebraska.

Premium to Table Rock Creamery Association, Table Rock. This butter was made between October 28 and November 6. The milk was set in deep cans and the cream gathered twice a week and churned at a temperature of 60°, then cooled down to 56°, washed and salted and left in tubs 24 hours, when it was re-worked and packed.

Butter Made in Canada or Any State Not Named.

Premium to Smiths, Powell & Lamb, Syracuse, N. Y. This butter was made in November. All the cows were pure-bred, recorded Holstein-Friesians. They were kept in stable and fed coarse feed, corn ensilage, twice a day, twenty pounds each feeding; dry hay and carrots once a day. Mature cows were given four pounds each of feed three times a day, composed of bran and ground oats, about two-thirds bran and one-third ground oats—fed dry. Deep setting process; cream removed when 24 hours old and churned slightly acid. Three cows in this herd have averaged 20,051 pounds, 7 ounces of milk in a year; 10 cows have averaged 18,116 pounds, 7 1-5 ounces in a year; 26 cows have averaged 16,016 pounds, 1 ounce in a year; 12 of the latter were mature cows, 9 four-year-olds, 3 three-year-olds and 2 two-year-olds. Five cows of this herd averaged 20 pounds, 7 ounces of butter in a week; 9 cows averaged 19 pounds, ½ ounce of butter in a week; 7 three-year-old heifers averaged 14 pounds, 5½ ounces in a week; 12 three-year-olds, entire number tested, averaged 12 pounds, 1⅓ ounces in a week; 15 two-year-olds, entire number tested, averaged 10 pounds, 8 3-10 ounces in a week.

Butter For Giles Bros.' Prize.

Premium to Bert Victor, Marengo. The cows, which were mostly grade Short-Horns and grade Holsteins, were fed corn-fodder cut and uncut, principally of the sweet and and ensilage varieties. Their pasture was timothy and clover; ground feed, corn, oats and bran. They were fed twice a day and averaged 15 pounds a day, each. The milk was set in vats holding about 5,000 pounds each, and surrounded with cold water and skimmed every 24 hours. The cream was slightly soured before churning and churned in a square, revolving churn. It was salted with Ashton's and Rice's dairy salt.

CHEESE.

Cheddar Cheese Made in May or June.

First premium to F. D. Holmes, Owatonna, Minn. This cheese was made on the 24th, 25th and 26th days of June. The milk was set with rennet enough to coagulate it in about forty minutes, and the heat slowly raised to 98° about 1 o'clock. The whey was drawn sweet and the curd salted warm and allowed to stand two hours before going to press. Two and a half pounds of salt to a hundred pounds of milk was used. The cheese was cured slowly in a dry cellar, at 60° to 65° temperature.

Cheddar Cheese Made at Any Time.

First premium to H. Z. Fish, Richland Centre, Wis. Cheese made the last of September and first of October. Enough rennet was added at 84° to cause the milk to begin to thicken in from twenty-five to thirty minutes and hard enough to cut in ninety minutes, or as soon as the curd would break over the finger without milk following the finger. Then it was gradually heated for about one and a half hours, until the temperature reached 98°, then held in the whey until the particles were evenly heated and whey seemed to be expelled from them. Then the whey was drawn from the curd and the curd packed in the vat and kept warm until it would string the proper length; then salted, ground and put to press.

Second premium to Chester Hazen, Brandon, Wis. Cheese made in September. The milk was all from common cows except from two dairies, where they are principally Ayrshires or Ayrshire grades. The cows were on pasture (mostly timothy and red and white clover), with no other feed, except in cases where pasture was short, and they were fed green corn-fodder. The cheese was made by the American Factory Process. The curd was allowed to settle and mass together in the bottom of the vat before the whey was drawn off. It was then run through a curd mill and salted 2½ pounds salt to 100 pounds of milk. The milk was set at 84°, Fahrenheit, curd scalded at 100° to 102°, and put to press at 85°, or below.

Flat Cheese.

First premium to E. P. Ingalls, Milford, Wis. The cows were principally natives with a few grades, and received only ordinary care. They were on pasture of mixed grasses, clover, timothy, red-top and low prairie grass. They had no other feed. The milk was set in common self-heating vats, heated to 98° or 100° Fahrenheit. The whey was drawn sweet and the curd packed for acid; then ground and salted, 2¾ pounds to 100 pounds of milk. It was put in a warm press for 24 hours, set in curing room and oiled. This cheese was made October 3d.

Third premium to J. E. Neely, Grinnell, Ia. The morning's and night's milk were mixed together and raised to a temperature of 84°. Then enough Hansen's cheese color was used to give it the proper shade, and after stirring thoroughly I added rennet (prepared from Bavarian rennet) enough to thicken it in thirty minutes. When it breaks freely over the fingers, it is cut both ways with the perpendicular knife and one way with the horizontal knife. Then let it stand until the whey starts enough so that green spots appear on the surface. Then stir carefully and apply heat slowly, so as to raise the temperature to 98° in about thirty minutes. Then let it stand and draw whey down until the curd is just covered. Apply heat and stir as before until it reaches 98°; hold it there and keep whey drawn as close as possible, and not allow it to pack. As soon as the least acid is perceptible, draw off all the whey; stir and air thoroughly; use salt at the rate of 2¾ pounds to 100 pounds of milk. After thoroughly mixing put to press for 24 hours; then remove to airing room, which should be kept at a temperature of 65° 70°.

Young America Cheese.

Second premium to J. E. Neely, Grinnell, Ia. Same process used as in No. 187.

Full Cream Cheese—American Manufacture.

Second premium to Milo Munger, Harvard. The milk was from grass-fed native cows. The cheese was salted with American salt and colored with anatoine.

Lot 50 Pounds Cheese.

Premium to A. J. Decker, Fond du Lac, Wis. The milk was furnished by a number of patrons who brought it each morning. The cows were on pasture only—about half wild and half tame grasses. The milk was set with four ounces rennet extract for each two thousand pounds of milk. It was heated gradually to 90° Fahrenheit. The curd was cut fine and the whey partly drawn sweet. The curd was tested with a hot iron to string half an inch. Whey drawn off and curd salted, after which it was well stirred and aired and put to press at 80° Fahrenheit. It was cured in a room at 65° Fahrenheit.

Cheese Made in Iowa.

Premium to A. M. Bingham, Jesup. The milk for this cheese was received at the factory once each day and was from the cows fed mostly upon timothy and clover, some pumpkins and very little grain. The cows were stabled at night. The cheese was made the latter part of October by the French method for cream cheese, using the cream from 100 pounds of milk, with 70 pounds of new milk, with sufficient rennet and acid to coagulate it in five minutes, at 84°. It was then worked fine and warmed to 92° and allowed to stand until acid, when it was put to press hot, using half a pound of Ashton salt to 20 pounds of cheese.

Cheese Made in Minnesota.

Premium to F. D. Holmes. Owatonna. Same method as for No. 181.

Cheese Made in Wisconsin.

Premium to H. Z. Fish, Richland Center. Same method as for No. 186.

Cheese Made in Ohio.

Premium to H. M. Durkee, Milburn. Cheese made September 20. The milk was half skimmed; set at 84°, coloring and enough liquid rennet added to thicken it in 22 to 25 minutes. In 45 to 50 minutes the curd was cut medium fine, and the heat raised 1° every five minutes until it reached 90°, stirring gently all the time to equalize the heat and avoid matting. The surplus whey was then drawn off and when the curd was firm and silky it was drained and salted with three pounds F. F. dairy salt to every 1,000 pounds of milk, the curd being kept fine until moulded into cheese. The cheese remained in the press an hour before sacking and was under pressure 20 hours, when they were placed in curing room, at a temperature of 70°, for three weeks, then removed from fire until shipment.

Cheese For Victor Grinding Mill Prize.

Premium to Chester Hazen, Brandon, Wis. Same method as for No. 186.

REPORTS OF THE MEETINGS HELD DURING THE EIGHTH AMERICAN FAT STOCK AND DAIRY SHOW,

NOVEMBER 10 TO 19, 1885.

NATIONAL CATTLE GROWERS' CONVENTION.

OFFICERS.

H. E. Alvord, New York, President.
W. T. Smith, Iowa, Vice-President.
E. Lloyd, Maryland, Vice-President.
T. C. Jones, Ohio, Vice-President.
G. Stuart, Montana, Vice-President.
T. David, Dakota, Vice-President.
G. E. Morrow, Illinois, Secretary.
W. J. G. Dean, Michigan, Assistant Secretary.
C. Babbitt, Wisconsin, Assistant Secretary.
E. W. Perry, Illinois, Assistant Secretary.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOV. 17, 1885.

This Convention had its origin in a largely attended convention of stock breeders held during the Fat Stock Show of 1883, under a call issued by Hon. George B Loring, Commissioner of Agriculture. A second convention of like character was held during the show of 1884, at which the National Cattle Growers' Association was organized. This Association issued the call for the Third Annual Convention, and its President, Hon. D. W. Smith, of Illinois, called it to order at 10 A. M., Tuesday, November 17, 1885, at the Sherman House, Major H. E. Alvord, of New York, was chosen temporary President, and W. J. G. Dean, Michigan, Secretary. Committees were appointed on Credentials, Permanent Organization and Order of Business. The roll-call showed 242 regularly appointed delegates from 33 States and Territories, with representatives of the District of Columbia and Canada. These delegates had been appointed by the Governors of States and Territories, State Boards of Agriculture, National, State and District Live Stock Associations, Agricultural Colleges, etc., and included well known representatives of almost every branch of the cattle industry of the United States.

Hon. N. J. Coleman, Commissioner of Agriculture, gave an elaborate address on the Live Stock Industries of the Country, showing their magnitude and importance; the great injury caused by diseases; the efforts of the Department of Agriculture to check or destroy them, and the need of amendments in national legislation on the subject.

Addresses were given by Dr. D. E. Salmon, chief of the Bureau of Animal Industry, on National Legislation for Extermination of Contagious Diseases; by Hon. James Wilson, of Iowa, on same general subject; by the President of the Convention, on the Dairy Industry; by Jas. A. Libby, of Chicago, on Canned Meat Industry; by Hon. J. B. Grinnell, of Iowa, on Leasing the Arid Lands of the Plains for Grazing Purposes.

John Clay, Jr. of Chicago, presented a report on Foreign Restrictions on Cattle Traffic; Hon. Thomas Sturgis, of Wyoming, one on Contagious Diseases of Cattle from a Commercial Standpoint; Dr. Hopkins, of Wyoming, one from the National Convention of Veterinarians.

By resolution, the Live Stock Exchange of Chicago was invited to send representatives to the convention, to explain the attitude of that interest toward national legislation for eradication of contagious diseases among cattle.

The resolutions recommended by the committee and unanimously adopted by the Convention, declared that there existed in different parts of the country an actively contagious cattle disease, causing great loss, and that such disease could be effectually dealt with by national legislation and authority; directed the appointment of a finance committee of five to receive funds; urged the National Cattle Growers' Association to appoint

a committee to induce Congressional constituencies to urge their representatives to support the required legislation; also of a committee to give to the press authentic statements as to cattle disease and the cattle industry, and to invite the aid of the press in the creation of correct public sentiment on this question; also the appointment of a committee to support before Congress measures for perfecting existing laws; for making provision for national oversight and control of cattle diseases, under direction of the Commissioner of Agriculture; for appropriation of not less than $1,500,000 for such oversight and control; for the employment of a sufficient number of expert and competent men; for payment by General Government of a reasonable valuation for animals slaughtered on account of disease; and for the enforcement of such laws; and directed the President and Secretary of the Convention to memorialize Congress in aid of these measures.

Resolutions presented by delegates were also adopted, requesting all Associations represented to bring this matter of needed legislation before their membership; favoring the appointment of sanitary boards, with control of the administration of State laws on animal diseases, and to coöperate with the national Government in the execution of its laws on the subject; and urging railroad companies to give attention to providing more safe, convenient and comfortable cars for transportation of breeding stock.

G. E. MORROW, *Secretary.*

American Short-Horn Breeders' Association.

OFFICERS.

Emory Cobb, Kankakee, Ill., President.
C. E. Leonard, Bellaire, O., Vice President.
T. W. Harvey, Chicago, Ill., Treasurer.
J. H. Pickrell, Chicago, Ill., Secretary.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOV. 18, 1885.

The annual meeting of the American Short-Horn Breeders' Association held in the Grand Pacific Hotel, Chicago, Ill., November 18, 1885, was called to order by the president, Mr. Emory Cobb. In the absence of the secretary, Col. W. A. Harris was elected secretary *pro tem.* The calling of the roll showed that four hundred and fifty-eight shares of stock were represented in the meeting. A communication from John Clay, Jr., treasurer of the National Cattle Growers' Association, was read, and the Directors were authorized to appoint a delegate to represent the stockholders in that association.

A communication was also received from R. D. Hunter, president of the National Cattle and Horse Growers' Association, which was received and placed on file and a vote of thanks tendered Mr. Hunter for the same.

The election of Directors resulted in the election of the retiring members of the Board, namely: Messrs. Anderson, Bowman, Cobb, Leonard and Lockridge for three years, and John Hope for one year.

Judge Jones, of Ohio, offered a resolution requesting the Board of Directors to arrange for the delivery of addresses at our next annual meeting, on topics of interest to breeders of short-horns, which was adopted. A preamble and resolutions were offered, reciting the fact that Chicago was an expensive place on account of high rents, etc., to publish the herd book; requesting the Board of Directors to arrange for the removal of the offices to Springfield, Ill. The entire matter was laid upon the table.

Upon motion of Judge Nourse, of Iowa, a subscription was taken up to be paid to the Directors for them to offer as special inducement to short-horn breeders to make exhibits at our next annual Fat Stock Show. The result of the matter was the raising of thirty-one hundred and fifty dollars ($3,150) upon the spot. Col. Scott, of Iowa, also moved the adoption of a resolution declaring that it was the sense of this Association there should be three thousand dollars ($3,000) provided to award for the encouragement of short-horn interests at the Fat Stock show in 1887, which was adopted.

The annual report of the president showed that: During the year volume 27 had been completed, volume 28 had been compiled and published, pedigrees for volume 29 (amounting to (10,994) had also been compiled, and a proof of over three thousand of the pedigrees had been received from the printing office. Emergent cases of pedigrees to the number of 1,193 had been checked for volume 30, and 491 for volume 31; besides keeping up a very extensive correspondence. Also, that as several of the earlier volumes of the herd book had become exhausted, the Directors had made arrangements for issuing in a consolidated form the first thirteen volumes of the A. H. B., and considerable work had been done on it. The rooms of the Association had been found too small, and they had increased them about double the capacity of those occupied the year before, with double the cost.

The receipts for the sale of herd books during the year	$ 5,606.00
" " " pedigrees	31,419 00
" " from other sources	1,309.00
Which added to amount on hand November, 1884	6,072,00
Make a total of	$44,406.00

EXPENDITURES:

For Salaries	$11,139.00	
Printing	16,329.00	
Postage	793.00	
Rent	1,950.00	
Refitting the office	500.00	
Traveling and other necessary expenses of the Board	1,634.00	
Balance Warfield's History	500.00	
Taxes	193.00	
Unenumerated expenses	993.00	
Leaving a balance in the treasury	10,375.00	
		$44,406.00
Total assets of the Association were set down at		$47,048.51
Total liabilities, including capital stock, pedigrees and all	$36,615.00	
Leaving a surplus of	10,433.51	
		$47,048.51

The large number of books on hand, amounting to about thirty thousand dollars ($30,000) worth, was much regretted, as, at the price they have been reduced to, every breeder of short-horns in the country should possess them and it would leave much more money in the hands of the Association, so that they could expend it by reducing fees and otherwise advancing the interest of short-horns.

The present membership was reported to be five hundred and sixty-eight (568) members, owning eight hundred (800) shares of stock, an increase of seventy-seven over last year.

The next annual meeting will be held in the city of Chicago, the first Wednesday after the third Tuesday in November, 1886.

Yours respectfully,

J. H. PICKRELL, *Secretary.*

AMERICAN HEREFORD CATTLE BREEDERS' ASSOCIATION.

OFFICERS.

T. L. Miller, Beecher, Ill., President.
H. C. Burleigh, Vassalboro, Maine, Vice President.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 13, 1885.

Meeting convened at the Sherman House, Chicago, at 7:30 P. M., November 13, 1885, Dr. O. Bush presiding. Minutes of previous meeting read and approved.

Executive Committee made their annual report, showing an increase in the membership of 145 members, and cash assets $11,000 in excess of liabilities.

Instructions asked for by the Executive Committee relative to certain rules governing entries in the Hereford Record, were given.

Article III. of the Constitution was so amended as to restrict memberships in the Association to breeders resident in America.

Ordered, that copies of volume IV. and subsequent volumes be sold to members at $2 per copy.

Board of five Directors elected were Messrs. M. H. Cochrane, Hillhurst, Quebec; A. H. H. Swan, A. Earl, Lafayette, Ind.; B. Hershey, Muscatine, Ia.; and Jas. A. Funkhouser.

Mr. Charles B. Stewart, Lafayette, Ind., was re-elected a member of the Executive Committee for a term of three years.

The rules governing entries in the Hereford Record were so amended as to read as follows:

(1.) "Every animal whose sire and dam are recorded in the American Hereford Record, "shall be eligible to record, subject to Rules (4), (5) and (6)."

(2.) "Every animal that is recorded, or whose sire and dam are recorded in the 13th, or "any prior volume of the 'Herd Book of Hereford Cattle,' (English), shall be eligible to re-"cord, subject to Rules (4), (5) and (6)."

(3.) "Every animal that has in its direct line of dams, a dam that has a record in the "13th, or any prior volume of the 'Herd Book of Hereford Cattle' (English), or in the Ameri-"can Hereford Record, shall be eligible to record subject to Rules (4), (5) and (6); provided, "that the animal itself and every dam subsequent to the one with the said record, are sired "by a bull recorded in the American Hereford Record, or eligible to entry under these "Rules, and the name and address of the breeder and the date of birth of the said animal "and of each subsequent dam, are given from reliable records."

(4.) "Every imported animal that is in America prior to November 13th, 1885, and is "eligible to entry under the rules governing entries in the American Hereford Record at "the time of its importation, and every animal calved in America prior to January 1, 1886, "that has its sire and dam entered, or eligible to entry, shall be eligible to record, subject "to rule (6), if application for entry of such animal be made prior to July 1, 1886, and shall "not be eligible to record thereafter."

(5.) "For every calf dropped in America after January 1, 1886, application for entry "must be made within one year after date of birth—subject, however, to a penalty of nine "(9) additional entry fees unless made within six (6) months after date of birth; and for "every animal imported after November 13th, 1885, application for entry must be made "within six months after date of landing to be eligible to record. Of every ten (10) bull "calves, otherwise eligible to entry, that are dropped the property of any breeder in "in America after January 1, 1886, only nine (9) shall be admitted to record."

(6.) "No animal whose pedigree is false or erroneous, shall be eligible to record."

Section 15 of the By-Laws was amended, making the entry fee $100 for all cattle not bred in America, unless imported prior to November 13, 1885. Section 17 of the By-Laws was adopted defining the order of business at the annual meetings.

Ordered that the awards at the Kansas City and Chicago Shows for 1886, to Herefords and Hereford grades by registered Hereford bulls, be duplicated.

Ordered that $100 per year for four years be donated to the managers of the Kansas City Fat Stock Show.

Ordered that the Rules governing entries in the Hereford Record, the Constitution and By-Laws of the Association and a list of the members of the Association be published in pamphlet form for distribution among the members.

Meeting adjourned to Tuesday, November 17, 1885, at 7:30 p. m.

ADJOURNED MEETING.

Meeting convened at the Sherman House, pursuant to adjournment, President Miller in the chair. The attendance being small, the meeting adjourned until the next annual meeting at Chicago, due notice of which will be given by the Secretary.

CHAS. GUDGELL, *Secretary.*

American Devon Cattle Club.

OFFICERS.

E. D. Hicks, President, Nashville, Tenn.
John M. Miller, Vice-President, Hickory, Pa.
Jas. Buckingham, Treasurer, Zanesville, Ohio.
F. W. Reed, Secretary, Zanesville, Ohio.

REPORT OF THE ANNUAL MEETING AMERICAN DEVON CATTLE CLUB, HELD IN CHICAGO, NOVEMBER 17, 1885.

CLUB ROOM NO. 4, GRAND PACIFIC HOTEL,
CHICAGO, ILL., TUESDAY, NOV. 17, 1885.

The Club was called to order at 3 P. M., by Vice-President Miller, President Hicks having been detained by a railroad accident.

The minutes of the last meeting were read and approved. Messrs. D. T. Newton, of Bridgewater, Dakota, and William Younger, of Fairbury, Ill., were elected to membership.

The second annual report of the Treasurer showing—

Balance from last year	$793 15
Amount received from the Secretary	750 00
Total	$1,543 15
Amount expended since last repo t	136 70
Balance on hand	$1,406 45

Was read, and on motion referred to the Auditing Committee.

The second annual report of the Secretary showing amount received for membership fees since last report, $750, and a total enrollment to date of 64 members, was also read and on motion referred, together with the Secretary's books, to the Auditing Committee.

The Executive Committee reported progress as to the matter of the contract for the purchase of the American Devon Record and was granted further time.

The Executive Committee also reported progress as to the preparation of a Scale of Points.

On motion of Mr. Powell, the matter of a Scale of Points was referred to the Executive Committee to be elected at this meeting.

The Auditing Committee reported that upon examination they found the Treasurer's account correct, and made a like report as to the books of the Secretary. Both reports were upon the motion of Mr. Powell adopted.

Mr. Buckingham exhibited for the information of the Club a balance sheet of the business of the American Devon Record, showing a balance now due him by the said Record of $2,846.64, the amount of indebtedness having been reduced since the last meeting by the sum of $555.72. He also read from an inventory of the property of the Record, the value of which exceeds the amount of indebtedness above given, by about $150.

On motion the Executive Committee was instructed to prepare a Scale of Points, to mail a copy of the same to each member of the Club, with a request for suggestions and amendments, and upon receiving the replies of the members, to arrange therefrom a Scale and to submit the same to the next annual meeting.

On motion the Secretary was ordered to request all State and other Fair Associations to hereafter require proof of registry in the American Devon Record of all thoroughbred Devons offered for exhibition.

On motion the Club adjourned to meet in parlor No. 23, at 8 o'clock this evening.

The Club accordingly met in parlor No. 23, at 8 P. M., Vice-President Miller in the chair.

On motion the Club proceeded to elect a member to the Auditing Committee in the place of Mr. Palmer, whose term had expired.

Messrs. D. T. Newton and A. E. Baker were placed in nomination.

A ballot was had and D. T. Newton, of Bridgewater, Dakota, was elected for the term of three years.

The Club then proceeded to elect an Executive Committee for the ensuing year. The following named members were duly chosen:

E. D. Hicks, Nashville, Tenn.
James Buckingham, Zanesville, O.
Rev. Edward Hungerford, Adams, Mass.
John M. Miller, Hickory, Pa.
B. F. Peck, East Bethany, N. Y.
L. P. Sisson, Roney's Point, W. Va
A. E. Baker, Hustisford, Wis.

The newly elected Committee retired for consultation.

Messrs. Baker (of Wis.) Rumsey and Morse were appointed a Committee to formulate a plan to secure a proper representation of Devons at the next National Fat Stock and Dairy Show, and report to this meeting.

The Committee on securing a creditable exhibition of Devons at the next Fat Stock Show made the following report:

"Your Committee recommends the appropriation of three hundred dollars to encourage the exhibition of Devons in the fat stock and dairy departments at the next National Fat Stock and Dairy Show."

On motion of Mr Rumsey, the Secretary was instructed to solicit subscriptions to the amount of not less than three hundred dollars, as a fund for the payment of special premiums on Devons, at the National Fat Stock and Dairy Show, to be held in the city of Chicago, in 1886.

On motion of Mr. Powell, the Committee last named (Messrs. Baker, Rumsey and Morse) was continued, and given general supervision of the matter of securing a good exhibit of Fat and Dairy Devons, and instructed to allow none but first-class animals to compete for the special prizes to be offered, and to act in conjunction with the Executive Committee in dividing the funds raised among the classes.

On motion of Mr. Powell, the Secretary was instructed to have the minutes of this meeting printed in a cheap form for distribution.

Adjourned.

At the meeting of the Executive Committee, held in the Club Room, on Wednesday, November 18, 1885, a resolution *recommending* that the next annual meeting be held in the city of Chicago, on Thursday of the first week of the Fat Stock Show of 1886, was adopted. The Committee disclaim any intention or desire in this action to make Chicago the permanent place for holding the annual meetings.

The Secretary was instructed to take a vote of the Club upon the proposition contained in the foregoing resolution.

The Executive Committee having passed upon some cases of suspended applications for entry, etc., submitted by the editor of the Record, then adjourned.

F. W. REED, *Secretary.*

Holstein-Friesian Association of America.

OFFICERS

T. G. Yeomans, Walworth, N. Y., President.
F. W. Patterson, Cresco, Ia., Vice President.
W. M. Singerly, Philadelphia, Pa., Vice President.
George F. Jackson, Minneapolis, Minn., Vice President.
F. C Stevens, Attica, N. Y., Vice President.
Thomas B. Wales, Jr., Iowa City, Ia , Secretary.
W. C. Brayton, Syracuse, N. Y., Treasurer.

DIRECTORS.

G. S. Miller, Peterboro, N. Y.
C. R. Payne.
C. W. Horr, Wellington, O.
W. R. Smith, Syracuse, N. Y.
W. G. Powell, Springboro, Pa.
E. M. Washburn, Lenox Furnace, Mass.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOV. 16, 1885.

In response to a call issued by the Secretary of the Holstein-Friesian Association of America, some seventy breeders of Holstein-Friesian Cattle, residents of states from New York to California, assembled at the Grand Pacific Hotel, on Monday, the 16th day of November, at 2 o'clock P. M.

The meeting, which proved to be one of the most interesting ever held, was called to order by Hon. T. G. Yeomans, of New York, who nominated Martin L. Sweet, of Grand Rapids, Mich., as Chairman, whose election was unanimous.

Mr. Edgar Huidekoper, of Pennsylvania, was nominated and elected Secretary.

Mr. S. Hoxie, of Whitestown, N. Y., read an able and interesting paper on Advanced Registry. The subject of Holstein-Friesian Cattle for beef was fully treated, the discussion being participated in by Messrs. E. G. Fay, of Ohio, W. G. Powell, of Pennsylvania, L. J. Lightner, W. B. Barney and T. B. Wales, Jr., of Iowa. From the statements of these gentlemen it was positively shown that the Holstein grades made most profitable beef animals. It was conceded, however, that they could not successfully compete with the purely beef breeds at the Fat Stock Shows. That the object of exhibiting them there was to show to farmers what really good and profitable results could be attained by raising and feeding grades obtained by the cross of this great dairy breed. Mr. Wales stated that at the Iowa City Glucose Works, where twenty-five hundred steers were fed, the six grade Holstein-Friesians made the best results of the entire lot. This was the statement of the superintendent of the cattle feeding department.

Mr. J. Stillwell, of Ohio, did not count much on the beef business, but was satisfied with the knowledge that the Holstein-Friesians could drown the world in milk and butter.

Mr. F. C. Stevens, of Attica, N. Y., stated that at the leading fairs the past season he found, when in competition with other breeds, that his animals most invariably weighed more than the opposing breeds, and thoroughly believed the Grade Holstein-Fresians were very profitable as beef animals.

The statements made by Messrs. T. G. Yeomans and W. J. Smith, of New York, as well as Mr. S. N. Wright, of Elgin, Ill., in regard to the butter qualities, both as to quantity and quality, were most flattering.

Mr. Wells, of Connecticut, gave an account of his six yoke of Holstein-Friesian oxen, stating that their great size, docility and intelligence made them the most useful oxen that could be produced. They average 3,800 lbs. per yoke.

Mr. Hoxie believed these cattle would yield the highest profit of any. The Hollanders depend for their profit on their butter, milk and beef, where land is worth from $500 to $600 per acre, and grow wealthy.

A committee was appointed by the Chair to draft resolutions in regard to a proposed association to be formed in Mississippi for the registry of cattle which could not be accepted for registry by the Holstein-Friesian Association of America.

The committee reported as follows, through Mr. J. J. Spofford, of Tenn., Chairman:

Whereas, it is understood that a new Herd-Book Association has been, or is intended to be established in the state of Mississippi, for the purpose of registering Holland cattle, which, under the high standard adopted by the Holstein-Friesian Association of America, would not be eligible to registry in the Herd-Book of said Holstein-Friesian Association of America;

Resolved, That the public are hereby cautioned against being misled by the similarity of the name of the two associations, or otherwise.

Red Polled Cattle Club of America.

OFFICERS.

L. F. Ross, Iowa City, Ia., President.
J. B. Mead, Vermont, Vice President.
W. D. Warren, Kansas, Treasurer.
J. C. Murray, Iowa, Secretary.

REPORT OF THE THIRD ANNUAL MEETING OF THE RED POLLED CATTLE CLUB OF AMERICA, HELD AT CHICAGO, NOV. 13, 1885.

The Club met in the Grand Pacific Hotel, Chicago, on the evening of November 13, 1885. The President, Gen. L. F. Ross, of Iowa City, called the meeting to order.

The roll call showed that all the officers and the following members were present: Gen. L. F. Ross, Iowa; J. M. Knapp, Michigan; W. D. Warren, Kansas; J. C. Warren, Iowa; J. B. Mead, Vermont; S. A. Akins, Illinois; Robert Brown, Wm. Steel, L. K. Cogswell, Wisconsin; S. A. Converse, Iowa; E. W. English, Ed. Marsh, Michigan; Joseph McCoy, Illinois; G. P. Squiers, New York; H. W. Stone, Minnesota; T. W. Sunman, Indiana; Lester Teeple, Willis Drummond, E. L. Hughs, Illinois.

Minutes of the last annual meeting read. Reports of Secretary and Treasurer received, showing that there were over four times as many members as at last meeting; that the first volume of the Red Polled Cattle Register had appeared, and that it contained the pedigrees of two hundred and fifty-two cattle, a history of the breed, and other information for the general public; that one thousand copies had been printed; that the Club, after paying all bills, including cost of Register, would have a balance in the treasury of one hundred and twelve dollars and seventy cents.

The committee on finance, consisting of Messrs. Mead, Converse and Marsh, reported the accounts of the Secretary and Treasurer correct, and recommended that the sum of fifty dollars be set apart to pay traveling expenses of the Secretary.

Mr. Squiers, of New York, asked what consideration, if any, was to be given that class of cattle known in England as "Probationers." A general discussion of the subject followed, in which a disposition to insist on a strict construction of the rule excluding such cattle was manifest. The subject was finally referred to a committee consisting of Messrs. Mead, Warren and Squiers, for further consideration.

The following motions were carried:

That the membership fee be changed from $5 to $10, and that the constitution be so amended.

That Messrs. Ross, Warren and Murray be a committee authorized to offer premiums for the exhibition of Red Polls at the Chicago Fat Stock Show of 1885.

That the Secretary send a copy of the Register to the Secretaries of the various State Fairs, and request that he allow only registered animals to be shown as cattle of the distinct Red Polled breed.

That the President and Secretary issue as speedily as possible a pamphlet on the subject of Red Polls, intended for general circulation, and authorizing them to advertise for the society.

That the President and Secretary shall issue during the year a list of transfers under the rules and regulations of the Club.

That the Secretary shall issue Registers as in his judgment seems best, and that members may secure copies for distribution to their patrons at 25 cents per copy.

That the President procure for the use of the Club a copy of the English Red Polled Herd Book.

Letters were read from absent members, and that of Mr. Baldwin, of Mississippi, referred to J. B. Mead for consideration.

Messrs. G. F. Taber, of New York; J. M. Knapp, of Michigan; William Steele, of Wisconsin, were elected members of the Executive Committee. Adjourned to meet at call of President.

J. C. MURRAY, *Secretary*,
Maquoketa, Iowa.

National French Draft Horse Association.

OFFICERS.

John Virgin, Fairbury, Ill., President.
D. Blodgett, Grand Rapids, Mich., Vice-President.
Ed Hodgson, El Paso, Ill., Vice-President.
T. Butterworth, Quincy, Ill., Secretary.
Jas. A. Perry, Wilmington, Ill., Treasurer.

REPORT OF THE ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 11, 1885.

The ninth annual meeting of the National Norman Horse Association was held at Chicago, November 11. President Virgin called the meeting to order.

Secretary Butterworth called the roll of stockholders, a large majority of whom were present.

CHANGE OF NAME.

The subject of changing the name of the Association from the original "*Norman*," to that of "*French Draft*," was introduced by the following preamble and resolution:

WHEREAS, At a called meeting of the Executive Board of this Association, it was deemed advisable to submit to this annual meeting the proposition to change the name of the Association to that of National French Draft Horse Association, the object being to better secure the full co-operation of all the breeders of French draft horses, under whatever local name they may have been called, either in France or in this country; as a declaration by this association, after a full examination of this subject in France, and years of testing their produce in this country, that there are now no perceptible points of difference in the breeding of the draft horses of France: that if there ever were any separate or distinct breeds of these horses, by the continuous intermingling of the pure-bred draft horses in the different districts of France, they are practically one breed now; it is therefore

Resolved, That we do change the name of this Association, as provided by the State law under which it is incorporated, to that of the National French Draft Horse Association.

The resolution was unanimously adopted.

The Secretary was instructed to copyright the National Register of French Draft Horses for the Association, which was done and the copyright has been received from the Librarian of Congress at Washington.

The Secretary in his report complimented the members upon the success of the Association since it was incorporated.

The financial basis of the Association is admirable.

The fourth volume of your National Register will be completed before your next annual meeting.

There are about 500 copies of each volume, 1, 2 and 3, now on hand.

We must congratulate you upon the change of name to the National French Draft Horse Association. Now we will have the active co-operation of the best breeders and writers, together with the National and local Agricultural Associations of France, who will establish a reliable Register for French draft horses in that country.

Capt. Jordan offered the following:

Resolved, That this, the National French Draft Horse Association of America, respectfully request the active co-operation of the French Minister of Agriculture and Interior in establishing in France a National and Reliable Register of pure-bred French draft horses.

Resolved, That whenever said Register is so published under the seal of the French Government or by any Agricultural organization that shall be National and official in its character, this Association will make it the standard for registry in our future stud books.

Resolved, That the Secretary of the Association send a copy of these resolutions to the Hon. French Minister of Agriculture and Interior.

Resolutions adopted.

PROMPT ATTENTION TO RECORDING COLTS AND IMPORTED HORSES

was urged upon breeders and importers. Mr. Isaiah Dillon moved that colts foaled in this country that are entitled to registry be required to be recorded before they are one year of age, and imported horses hereafter imported shall be recorded within one year from date of importarion.

Motion adopled to adjourn to next Fat Stock Show, November, 1886.

At a meeting of the executive committee the next day, it was deemed advisable to give to the public certain facts which led to the change of name of this Association from Norman to the general name, "French Draft."

This Association is now organized above controversy, and if there be any further controversy about the local names of French Draft Horses, the responsibility must rest outside of this Association.

THE EXECUTIVE COMMITTEE REPORT.

The Executive Committee of the National French Draft Horse Association desire to call attention to the change of name, and to explain the reasons for taking this step. At a conference meeting held at Springfield, Ill., in March last, between representatives of the American Percheron Association and the National Norman Horse Association, certain conditions, looking toward a consolidation of the two organizations, was there agreed upon and signed by the parties named: John Virgin, M. W. Dunham, Isaiah Dillon, and S. Noble King.

In accordance with the spirit of the agreement, the late National Norman Horse Association, at their first annual meeting thereafter, decided to change the name of the Association to that suggested and agreed upon in the foregoing circular, in order to harmonize and consolidate the interests of the importers and breeders of French Draft Horses, and to lead to the registration of reliable pedigrees in this country and especially in France; and whenever the French breeders establish such registration for pure bred French Draft horses endorsed by the leading agricultural societies of France, this Association will heartily carry out the clause relating thereto in the foregoing circular. The change of name to French Draft, as made by this Association, it is believed, will commend it to the confidence and hearty support of all interested in increasing the popularity and excellence of the French Draft Horse in America, as well as in France, and we most cordially invite all importers and breeders to unite with us upon this now accepted name, and to unite conflicting interests in one well guarded national register for this country and for France.

T. BUTTERWORTH, *Secretary*, THE EXECUTIVE COMMITTEE.

Quincy, Ill.

American Percheron Association.

OFFICERS.

T. W. Palmer, Detroit, Michigan, President.
R. B. Kellogg, Green Bay, Wis., Vice President.
J. F. Studebaker, South Bend, Ind., Treasurer.
S. D. Thompson, Wayne, Ill., Secretary.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 11, 1885.

A general meeting of the Association was held at the Grand Pacific Hotel, at 7:30 P. M. the Hon. T. W. Palmer, U. S. Senator from Michigan, presiding. The action of the Directors in adopting a Constitution and By-Laws was unanimously confirmed.

Mr. J H. Sanders, editor and publisher of the Stud Book, appeared by invitation before the Board and stated that in pursuance of the understanding that had existed between him and the Association from the beginning, he was ready to turn over the Stud Book, copyright and all, to the Associaiion, on such terms as the Association may deem equitable. It was the first Stud Book for any breed of draft horses ever published in the world; its publication had been with him rather a matter of principle and personal pride than one of business, and he had fought the fight on principle from the beginning and was now glad to be honorably relieved from further responsibility in that direction. It had become not only self-sustaining but would henceforth be a source of revenue to the Society. He reported on hand 112 copies of Vol. I, 210 copies of Vol. II, and 380 copies of Vol. III. On motion a committee consisting of M. W. Dunham, T. Slattery and George E. Case was appointed to confer with Mr. Sanders on compensation for the Stud Book surrendered.

The following letter, with many congratulatory messages, was read:

NOGENT-LE-ROTROU, October 23, 1885.

To the President of the American Percheron Horse-Breeders' Association:

SIR—We learn through your letter and the press that your Society is going to hold its biennial meeting at Chicago the 11th of November next. We also hear that your Percheron Society will hold a grand Concours of horses (exclusively Percherons) some time time during the year 1886.

I am directed by our Société Hippique Percheronne of France to send you our warmest congratulations on the occasion of your meeting. We always remember your sympathetic adhesion and the good wishes expressed by you when we held our Concours here, at Nogent-le-Rotrou, last year. We are also happy, Mr. President, of the present occasion to thank you again for the two handsome medals which were offered us by your Society and which were awarded as prizes. As it was so truly said and expressed at that time, the Société Hippique Percheronne of France and the American Percheron Horse-Breeders' Association should always go forward hand-in-hand, their object and aim being the same, namely, to preserve pure the Percheron breed.

We are glad to say, Mr. President, that this year we have realized here immense progress. Leaving aside our Concours of last year, which was, as you already know, considered by all competent judges of France and abroad one of the most remarkable and interesting ever held, we have had constant and numerous increase of members, so much so that we can say that the entire Perche has joined us; to-day there is not, so to speak, a single breeder or stallioner who has not become a member of our Society.

We have just published a second volume of the Stud Book; we have enforced and made obligatory the rule voted at our last meeting, by which our society refuses now to register any animals whose sire and dam have not been previously recorded.

Now that the Americans know that we have in France a Stud Book with authentic pedigrees on the dam's as well as on the sire's side, it will be more and more impossible for any respectable importer to buy stock out of the country where pedigreed horses can be found (and very soon it will be impossible for *any* importer to sell any) but registered stock, for the Americans are finding out every day that there is everything to gain by only buying recorded animals.

We propose holding a second Grand Concours of Percherons here, in Nogent-le-Rotrou, about next June, and we are already satisfied that it will be a remarkable and important one in every respect.

I am happy to add that the Government, through the Minister of Agriculture, has given a new official recognition of the important work we are carrying on now, by honoring our President, M. Fardouet, with the decoration and title of "Chevalier du Mérite Agricole."

Now, the Société Hippique Percheronne of France, wishing to testify to its sister society of America all the interest and good will we bear toward them, and the reciprocal good will which should exist between these two societies, and in order to encourage and reward the efforts of the importers and breeders, remembering also the help so kindly given to us at our Concours last year, our Society decides to offer a sum of five thousand francs to be awarded in prizes at your Concours at Chicago in 1886.

Allow me, Mr. President, to conclude by a hearty cheer for the success of the two societies.

BOULLAY-CHAUMARD,

The Secretary-Treasurer of the Sociétié Hippique Percheronne.

American Clydesdale Association.

OFFICERS.

Ezra Stetson, Illinois, President.
W. A. Banks, Indiana, Vice-President.
Charles F. Mills, Illinois, Secretary.
A. Z. Blodgett, Illinois, Treasurer.

REPORT OF THE ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 13, 1885.

The annual meeting of the American Clydesdale Horse-Breeders' Association was held Friday evening at the Grand Pacific Hotel, with a very full attendance. The Executive Committee submitted their annual report, as follows:

REPORT OF THE EXECUTIVE COMMITTEE.

The Executive Committee again have the pleasure of calling the attention of the Association to the prosperous condition of the organization and the important service rendered breeders of Clydesdale horses during the past year, as well as all interested in the improvement of the draft or business horse of the country.

American breeders of Clydesdale horses have for many years past purchased the best obtainable specimens of the breed to be found in Great Britain, and the large number of mares imported of late years indicates the purpose of the members of this Association to breed more and import less in the future.

There should be no necessity for calling the attention of breeders of Clydesdale horses on this side of the Atlantic to the fact that the American demand for Clydesdale horses has exceeded the supply of animals of even average quality, and that Scotch breeders have been encouraged to spare the knife and fatten colts for the export trade that would not make more than medium good plow horses. The use of sires, such as these inferior specimens make, has disgusted many friends of the Clydesdale horse that need no assurance that the general average of the breed contains as many creditable specimens as can be claimed by the most ardent friends of any breed of draft horses.

The time has come when an alarm should be sounded, and the American breeders not familiar with the arts of unprincipled traders should be cautioned against the purchase of stallions and mares of little quality that have been injured for breeding purposes by a system of feeding fit only for a stall-fed ox.

The Association at date of organization very properly adopted a rule prohibiting the registration of unsound or unworthy individual animals, and American-bred stallions and mares with any known defect that would detract from their breeding qualities are not admitted to registration. The Executive Committee call the attention of the Association to the necessity of providing against the admission of imported stallions and mares having serious transmissable defects, as well as the acceptance of certificates from the Clydesdale Horse Society of Great Britain and Ireland of Clydesdales below the average in quality and breeding. The interest in the improvement of the breed on the part of the Clydesdale Society of Great Britain and Ireland cannot be questioned, and the co-operation of both organizations in preventing the further registration of inferior stallions would increase the confidence of the public in the future of the breed, and at no distant date make it impossible to secure the indorsement of either Association for other than creditable specimens of the breed.

The Executive Committee suggest that the special attention of the public should be officially directed by this Association to the best specimens of the breed, to the end that there may be as marked discrimination as possible made against inferior Clydesdale horses, as well as good average stallions in appearance, but of such breeding as will result in disappointment in future crosses. The Committee recommend that a Committee

be appointed to prepare rules for the guidance of inspectors to be appointed at the next annual meeting of the Association, the inspectors to be paid by the owners of horses examined, a certain specified amount to be fixed by the Association. All stallions and mares passing a satisfactory inspection based upon their individual excellence, breeding qualities as shown by their descendants, and their record for several generations back, to be awarded a diploma of merit, and duly announced in the Stud Book of the Association.

The selection of competent inspectors may be attended with some difficulty, and time will be required to enable even an experienced breeder to meet with the requirements of the Association, but there should be no unnecessary delay in inaugurating the work.

The emulation among breeders that would follow such a system of inspection would at no distant date depreciate the value of undesirable strains and correspondingly increase the families most likely to insure the greatest improvement in the future.

Certificates of membership have been issued to the following gentlemen since the last annual report, viz: B. Babcock, Iona, Mich.; C. D. Barrington, Sun Prairie, Wis.; William Bunker, Taunton, Ont.; John Carson, Winchester, Kan.; Frank Curtis, Nevada, Ia.; Geo. W. Cross, Washington, Ill.; Mrs. Julia P. Cranston, Woodstock, O.; T. B. Drummie, Earlham, Ia.; A. G. Danforth, Washington, Ill.; Alex. Galbraith, Janesville, Wis.; Thomas Good, Richmond, Ont.; John Hope, Brantford, Ont.; G. Hendrie, St. Marys, Ont.; John Hilt, LaPorte, Ind.; A. W. Larimore, Stone's Prairie, Ill.; R. D. Lowell, Sharon, Wis.; Thomas Mason, Joliet, Ill.; D. McCrae, Guelph, Ont.; J. L. Hills, Mount Palatine, Ill.; Eugene Ogden, Cameron, Ill.; August Post, Moulton, Ia.; William Pearson, Manchester, Ont.; James H. Turner, Lansing, Mich.; J. H. Turner, Whitevale, Ont.; E. L. Wilson, Marysville, Kan.; R. G. White, Melburn, Ill. The 202 certificates of membership issued to date are distributed as follows: Clydesdale breeders in Canada hold thirty-seven; Colorado, one; Indiana, thirteen; Illinois, ninety-five; Iowa, twenty; Kansas, two; Michigan, four; Minnesota, one; Missouri, one; Montana, one; Nebraska, one; New York, five; Ohio, two; Pennsylvania, five; Scotland, two; Tennessee, one; Vermont, one; Virginia, one; Wisconsin, nine.

The Executive Committee favorably considered the report of a majority of the Committee appointed at the last annual meeting to consider and recommend any desirable change in the form of pedigrees in the third volume of the American Clydesdale Stud Book.

In addition to the information heretofore published in the extension of pedigrees, the Committee have approved the plan of having the extended pedigrees of stallions and mares made more complete by giving the names and postoffice of the breeder and owner, as well as the color and date of birth. The extended pedigrees of stallions and mares will be arranged in alphabetical order, extended pedigrees of the stallions to be separated and precede the pedigrees of the mares.

The second annual show of this Association was held in connection with the Illinois State Fair at Chicago, September 14 to 19, 1885. The enterprise was a decided success, and resulted in calling marked attention to the Clydesdale horse of many thousand horse-breeders who had previously been prejudiced in favor of other breeds or draft horses.

The quality of the animals competing for the prizes offered by the Association at the late show was most considerable, and many of the stallions and mares were even better, than some of the first-prize winners exhibited at the previous show. There were several new exhibitors among the successful competitors at the late show, and the circle of breeders having superior specimens of the breed for sale was considerably extended; and these new candidates for public favor were widely advertised by means of the late show to the great advantage of the large and increasing number of buyers of Clydesdale horses.

The Committee recommend that an additional lot be provided for the next show for grade Clydesdale geldings and mares having over fifty per cent. Clydesdale blood.

The exhibition of grade Clydesdale geldings and mares at the late show, while limited, was most creditable, and warrants the recommendation of the continuance of the class for grades having fifty per cent. Clydesdale blood.

The rule adopted at the last annual meeting providing that double fees be charged on animals where the breeders or importers neglect to record the same within twelve months after birth or importation, and that double fees be charged for transfers of ownership where not made until six months after same has been in force since June 1, 1885.

The rule has with scarcely an exception been approved by the patrons of the American Clydesdale Stud Book, who recognize the importance of promptness on the part of breeders and importers in recording foals and filing certificates of transfers of same. The additional revenue derived from penalty fees has been quite limited, being only $66, and only nine patrons have thus far been called upon for extra fees in the enforcement of this rule, which has had the desired effect of inducing a commendable promptness.

The following communication and papers received from the Clydesdale Horse Society of Great Britain and Ireland are presented to the Association for consideration:

C. F. Mills, Esq., Springfield, Ill., U. S. A.

DEAR SIR: I have to inform you that at a meeting of Council held here on the 25th instant, the inclosed resolutions were considered and unanimously adopted. In consequence of these, Joseph H. Raeside ceased to be a member of this Society on the 25th of March, 1885. For the reasons which compelled the Society to take this step, I refer you to the Raeside extradition trial as reported in The Breeders' Gazette, of Dec. 11, 1884.

ARCH'D McNEILAGE, Jr., *Secretary.*

NOTICE.—In terms of Article 3 of Association No. 8, and in accordance with instructions of Council held here on March 2, 1885, I hereby call a special meeting of Council to be held on Wednesday, the 25th inst , at 1 o'clock, afternoon, for the purpose of considering the following resolutions, viz:

1st. That the conduct of Joseph H. Raeside, Waukegan, Ill., U. S. A., a life member of this Society, in connection with the uttering of certain forged and fabricated pedigrees, is derogatory to the character and prejudicial to the interests of the Society.

2d. That the aforesaid Joseph H. Raeside be removed from the Society, and that his name be deleted from the roll of members from this date.

ARCH'D McNEILAGE, JR., *Secretary.*

The articles referred to by Secretary McNeilage are presented herewith, as well as the report of proceedings in the Raeside case heard before Commissioner Hoyne, in Chicago, Ill., U. S. A., on December 4, 5, 6 and 8, 1884, and printed for the information of members of the Clydesdale Horse Society of Great Britain and Ireland.

The evidence is conclusive, and the enormity of the fraud attempted to be perpetrated upon American breeders of Clydesdale horses by the conspiracy to secure the registration of grade horses in the Clydesdale Stud Book of Great Britain and Ireland, and subsequently to record the same horses in the American Clydesdale Stud Book upon forged and fabricated pedigrees, is such that the said Joseph H. Raeside cannot longer be considered a reputable business man, worthy the confidence and endorsement accorded members of this Association.

The Executive Committee beg leave to call the attention of the Association to Article IV, Section 5, of the Constitution of this organization, which reads as follows: "Should it occur at any time that any member of the Association shall be charged with willful misrepresentation in regard to any animal owned or bred by him, or any other act derogatory ro the standing of the Association, or with failure to comply with the rules and regulations of the Association, the Executive Committee shall examine into the matter, and if it shall find that such charge is fully sustaned, it shall thereupon suspend such offender and lay all the facts in its possession before the Association at its first annual meeting thereafter. If, in the opinion of two-thirds of the members present, the facts shall so warrant, the name of the offending member shall be stricken from the rolls of the Association, and all his rights as a member shall thereupon cease."

The Executive Committee having not had a meeting since the receipt of the communication and report from the Clydesdale Horse Society of Great Britain and Ireland, Mr. Raeside has not been suspended according to the provision in the Constitution, but the Committee now recommend his expulsion, and that all his rights as a member of the American Clydesdale Association shall cease from this date.

AMERICAN SHIRE HORSE ASSOCIATION.

OFFICERS.

A. G. Davenport, Washington, Illinois, President.
George E. Brown, Aurora, Illinois, Vice-President.
Charles Burgess, Wenona, Illinois, Secretary.
F. C. Warren, Fox Lake, Wisconsin, Treasurer.

CHICAGO, ILL., November 12, 1885.

The first annual meeting of the American Shire Horse-Breeders' Association was held at the Sherman House, Chicago, Nov. 12th, 1885. President Danforth called the meeting to order in presence of a large number of the stockholders.

The Secretary was instructed to read the Rules and Constitution, as adopted at a previons meeting, for the benefit of members not present at regular meeting.

Motion by Mr. Brown, of Aurora, that clause two, of Article 7, be amended to read as follows:

"The Board of Directors shall exercise a surveillance and shall pass upon the eligibility of all animals offered for registry, and shall exclude all that are not well authenticated."

Motion was seconded and amendment adopted.

Moved by Mr. Pritchard, of Otttawa, that President appoint a committee of three to confer with Secretary in regard to Secretary's salary for the year commencing April 28, 1885. President appointed Mr. Pritchard, of Illinois, Mr. Brown, of Illinois, Mr. Garr, of Indiana. The committee recommended that the salary of Secretary be fixed at $500 a year. Report of committee was accepted.

Motion by Mr. Brown, of Illinois, that the American Shire Horse Association hold a show in connection with the Illinois State Fair of 1886, at Chicago, for Pure-bred Shire stallions and mares, and give premiums to the amount of at least $2 000.

Mr. Sanders, of Chicago, seconded the motion, and started a subscription of $100, and would guarantee $200 more from the city of Chicago, making Mr. Sanders' subscription $300. Other subscriptions were raised as follows: George E. Brown & Co., Aurora, $200; Burgess Bros., Wenona, $200; Col. Charles F. Mills, Springfield, $100; A. G. Danforth, Wash-

ington, $100; J. H. Truman, Bushnell, $500; Gilbraith Bros., Janesville, $100; Charles Mugg, Peru, $100; W. M. Fields & Bro., Cedar Falls, Iowa, $100—total, $1,700. Col. Mills suggested that by charging ten per cent. entrance fee, the $2,000 was already subscribed.

Moved by Mr. Brown, seconded by Mr. Garr, that the Executive Committee appoint one or more of their number to act as editing committee.

Motion by Mr. Pritchard, seconded by Mr. Brown, that the meeting adjourn subject to the call of the Executive Committee. Meeting adjourned.

CHARLES BURGESS, *Secretary.*

Second annual meeting will be held at Chicago, Ill., in November, 1885, during Fat Stock and Dairy Show.

Cleveland Bay Horse Association.

OFFICERS.

George E. Brown, Aurora, Illinois, President.
W. M. Fields, Cedar Falls, Iowa, Vice-President.
W. A. Banks, Dorr Village, Indiana, Vice-President.
R. P. Stericker, Springfield, Illinois, Secretary.
George T. Van Norman, Aurora, Illinois, Treasurer.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 12, 1885.

On Tuesday, the 17th instant, quite a number of prominent importers and breeders of Cleveland Bay Horses met at the Sherman House, in Chicago, for the purpose of organizing an association and taking the proper steps for publishing a stud book for Cleveland Bays in this country.

The meeting was called to order by Mr. George E. Brown, of Aurora, Ill., who moved that Mr. J. H. Sanders, of the Breeders' Gazette, be temporary chairman.

Mr. Sanders, on taking the chair, spoke at some length, and said he had, on various occasions, doubted the existence of any of the once famous Cleveland Bay breed, either in this country or in England, but it now seems to be a well established fact that there is yet remaining sufficient of the elements which once constituted this famous breed to resuscitate the breed; and one of the wisest steps that could be taken was to follow the example of our English predecessors and establish a stud book. He said it was certainly true that there was a largely increasing demand for coach horses, and that breeders and importers of this class of horse have found a ready sale for them at remunerative prices. If the gentlemen present could furnish the people of this country with horses that would reproduce the type best adapted to coaching purposes, they would be doing the country a substantial service, and would doubtless find their enterprise rewarded by financial success. The speaker paid a handsome tribute to Mr. George E. Brown, of Aurora, Ill., as the first man to prominently bring the Cleveland Bay before the public in the West.

Mr. G. T. Van Norman was then chosen Secretary for the meeting.

Mr. Brown stated that he and two or three others had already taken the preliminary steps necessary to procure a license from the Secretary of State for the formation of a joint stock corporation under the laws of Illinois, with a capital stock of $1,000 in $10 shares, and suggested that those present who felt wishful to further the enterprise, should come forward and subscribe for stock.

The suggestion was accepted, and the full amount of capital stock quickly taken.

After some further informal talk, the stockholders proceeded to organize permanently by electing officers.

It was then moved that the President appoint a committee to draft and formulate a set of by-laws and rules of entry for publication of the stud book, to be submitted to the society at the next meeting. After which the meeting adjourned until a call is made by the President.

No time and place yet fixed for next annual meeting, but it will probably be during the next Fat Stock Show in Chicago.

National Swine Breeders' Association.

OFFICERS.

L. N. Bonham, Oxford, O., President.
D. L. Thomas, Rushville, Ind., Vice President.
Phil. M. Springer, Springfield, Ill., Secretary.
B. R. Vale, Bonaparte, Ia., Treasurer,

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 11, 1885.

The National Swine Breeders' Association met in the Sherman House in annual session at 11:30 A. M., November 11, 1885. The meeting was called to order by the President, Hon. D. W. Smith, of Bates, Ill., who addressed the Association in the following well chosen remarks, indicating the importance and the purposes of these National Swine Breeders' gatherings:

GENTLEMEN: I am glad that so many have responded to the call for this convention, and it hardly seems necessary that I should offer the apology that I had contemplated making to you for the contradictory notices which were given as to the date of our meeting.

Through a somewhat unfortunate misunderstanding the Executive Committee were not properly consulted in regard to the time of meeting, nor of the arrangement of a programme, and at last it seemed to be necessary that I should take some responsibility upon myself without consulting with other members of the committee. I wish to beg the pardon of those gentlemen, and to assure them that I would have much preferred that the responsibility and the labor might have fallen upon them.

The past year has not been one of marked prosperity to swine breeders, yet upon the whole we may congratulate ourselves that our business has suffered less than many others from the general depression which has existed in all lines of business.

The stream of our prosperity is sometimes sluggish in its movement; it is at times subject to eddies and whirlpools; yet it is an ever increasing and ever on-flowing current, and the man who embarks on it, and observes ordinary prudence and care, is not likely to suffer shipwreck, and is sure sooner or later to be floated into good markets and good times.

Our calling is one of which we may justly feel proud. In no branch of live-stock improvement has such progress been made as in that of swine-breeding. Our condition is in marked contrast with that of swine breeders of olden times, whose troubles seems to have reached their culminating point about the time the devils were cast out of the young man of Biblical notoriety and into a herd of swine, which we are told ran over a steep place and fell into the sea, where they were drowned, and the devils with them. And although at times since then the devil has got into our young men and into our hogs, yet on the whole it really looks like Providence had specially smiled upon swine breeders in compensation for the hard luck imposed upon them at and before that time. From the unclean and interdicted beast of early times has been developed the lordly and aristocratic Berkshires, Polands, Chester Whites, Durocs, and other breeds of the present time, whose rich products feed the world And so, in like manner, from the prodigal son, who, after sounding the lowest depths, at last completed his degradation by becoming a herder of swine, has been developed the intelligent, the prosperous and the honored swine breeder of to-day.

We should be thankful that our condition is so fortunate, yet we must not be entirely content; the entirely contented man is not a very useful member of society. The world is always moving, and unless we keep moving with it we will be left behind. New issues and new conditions are constantly arising, and we have to meet with them and deal with them. In no way can we do this so well as by organization. Organization is the order of the day. So important has it become that no business interest, no matter how rich or great it may be, can make itself properly felt without a thorough organization of its forces.

Probably the most important subject, aside from that of organization, which is demanding your consideration, is that of foreign restrictions against American hog products, which carries with it the subject of legislation for the suppression of diseases. I believe the American hog to be the healthiest in the world; the conditions surrounding him necessarily making him so. He has plenty of range for exercise; he has pure running streams for drinking and bathing; he has the richest and most wholesome food produced in the whole world. The health records of the city of Baltimore, a great bacon consuming city, extending back for more than fifty years, show, out of a total of 125,874 deaths, not a single case of trichiniasis. The health officer of the city of New York certifies that more deaths occur in that city from eating stale or diseased oysters than from eating diseased pork. The southern negro, during the days of slavery, subsisted almost entirely upon a diet of pork and corn bread, and were probably the most healthy race in the world, but now that, with the blessing of freedom there is coupled the necessity for finding their own pork, which with their generally shiftless habits they find it hard to do, they are rapidly degenerating physically.

It is stated on good authority that the German government, which prohibits American pork from entering its empire, victuals its navy with that cheap and wholesome food which it denies to its own workingmen.

These facts all go to prove that the restrictions imposed by France and Germany are simply for the protection of the swine-growing industries at the expense of the consumers, who would otherwise use large quantities of American bacon, pork and lard.

They attempt to justify their discrimination as a sanitary measure, and point to the fact that we have no system of inspection, and also that some diseased hogs find their way to our markets.

American swine breeders, as a rule, are honorable business men, who have sense enough to know that honesty is the best policy, and they have no wish to put dishonest goods upon the market. They have a right to demand that their business shall not be jeopardized by a few unprincipled feeders and shippers, who will sell anything that will put money in their purses.

The only safeguard to our business and to our reputation abroad is to be found in the adoption of a system of Government inspection, such as is practiced by foreign Governments, and the absence of which, in this country, is made one of the pretexts for the discrimination referred to.

There are many other subjects which should receive your attention at this meeting. For the purpose of calling out discussion, as well as for entertainment and instruction, several gentlemen have been invited and have consented to deliver addresses upon topics of interest.

Believing that you would be interested in hearing something from the standpoint of the the packer as well as the breeder, Mr. George Brine, of Chicago, who has made a careful

study of the question, has been invited to speak upon the subject of foreign restrictions. I have no idea what views he holds, but be they what they may, I bespeak for him a fair hearing. I need say nothing to you of the other gentlemen whose names appear on our list and who are well known by reputation to you all.

The Secretary, J. Tabor Mathers, being absent, on motion of D. W. Todd, of Ohio, Phil. M. Springer, Springfield, Ill., was chosen Secretary *pro tem.* The minutes of the meeting of November, 1884, were read, and on motion adopted.

The President then announced the following programme: "Foreign Restrictions and Legislation Necessary to the Welfare of the Swine Industry," by J. R. Dodge, Washington, D. C.; "Sanitary Reform and Necessary Legislation," by F. D. Curtis, New York; "Foreign Restrictions," by George J. Brine, Chicago, Ill.; "Evolution of the Poland-China Hog," by L. N. Bonham, Ohio; "Swine Diseases," by D L Thomas, Indiana; "Judging at Fairs," by F. D. Coburn, Kansas; "The Benefits of Organization," by Phil. M. Springer, Illinois

The President then introduced Mr. F. D. Curtis, who addressed the Association on the subject of "Sanitary Reform and Necessary Legislation."

At the close of the address, and further discussion of the subject being called for, Mr. Bonham called attention to the remark of Mr. Curtis, that it was a disgrace that it should be declared by European scientists that much of American pork was not fit for human food.

It was merely the politicians of France who denounced our pork in their legislatures, and they had done so for no reasons based upon facts. It has been proven by Prof. Virchow that there is less disease among American than among European hogs. The slander against our pork is a trumped up case, and only used as a pretext to keep our pork out of competition with European products. We want a good trade with foreign countries, and we want all the privileges of it, but we cannot afford to take notice of a charge which we know is false, and which their own records and most scientific men have proven false. The fact can no longer be questioned that our hogs are more free from disease than those of any other country on the globe, and we wish this fact to be duly recognized.

This brought from Mr. Curtis the explanation that it was European rulers rather than European scientists who had pronounced adversely to the use of American pork. He did not think we should sit quietly by and let others accuse us of breeding trichina. French politicians have so sedulously circulated this slander upon our meats that they have succeeded in convincing their people that the charge is true. So thoroughly have they taught the idea, that even thousands of Americans will turn over a piece of pork to see if it is well done before eating it. It is wrong that we should allow such an impression to prevail if it is within our power to remove it. If our pork is healthier than that of any other country, we disgrace ourselves by remaining quiet and allowing it to be slandered without protest. If the meats shipped were not perfectly healthy they would not keep after salting, and their true character would soon be exposed.

Mr. Bonham stated that he understood his friend Curtis to refer to the scientific men of France and Germany, and if correct, he moved that the reporters change that portion of his address, and make it read "politicians" instead of "scientific men," as he considered it wrong for this Association to notice a charge merely made by a set of politicians for political effect.

Mr. Curtis explained that it was his intention to put his language in the terms above stated, and if he had failed to do so he wished it should yet be done.

Mr. Thomas disapproved of that portion of Mr. Curtis' remarks in reference to in-breeding. He did not think in-breeding had been carried too far in this country, and its benefits had far outweighed any ill effects from it among the improved breeds. There is just as much disease among the common hogs of Arkansas and the Carolinas as among the most improved hogs, and they offer the most complete evidence of in-breeding on record.

On motion of L. N. Bonham, a committee of three was appointed by the Chairman to report on membership.

The Chairman named the following as said committee: L. N. Bonham, B. R. Vail and D. W. Todd.

The President then called on Phil. M. Springer for his paper on the "Benefits of Organization."

At the close of the reading of this paper Mr. Curtis moved the appointment of a committee of three to consider and report upon the suggestions therein contained. Adopted.

The committee designated by the Chairman was as follows: Phil. M. Springer, F. D. Curtis, W. W. McClung.

Mr. D. L. Thomas, of Rushville, Ind., was then introduced, and favored the Association with the reading of a paper on "Swine Diseases."

At the conclusion of the reading the meeting was, on motion of Mr. H. M. Sisson, adjourned until 2 P. M.

The Association re-assembled, and upon call to order, the President introduced Mr. George J. Brine, of Chicago, who then addressed the meeting on the subject of "Foreign Restrictions."

At the close of the address a vote of thanks was, on motion of Mr. D. L. Thomas, tendered to Mr. Brine for his able address.

On motion of Mr. Curtis, a committee of five was appointed by the Chairman to consider the suggestions made by Mr. Brine, and report resolutions for further consideration by the Association. The Chairman appointed as said committee F. D. Curtis, Geo. J. Brine, L. N. Bonham, N. H. Gentry and John Gilmore.

On motion, the following committee on nomination of officers for the ensuing year was appointed: H. C. Castle, Illinois; John Gilmore, Iowa; S. H. Todd, Ohio; D. L. Thomas, Indiana; H. C. Stoll, Nebraska; N. H. Gentry, Missouri; H. T. Billings, Kansas; F. D. Curtis, New York; C. W. Jones, Michigan.

Mr. L. N. Bonham was then introduced, and read his paper on the "Evolution of the Poland-China Hog."

Mr. Curtis expressed his feelings of thanks to the reader for his excellent paper, and on motion of Mr. McClung a vote of thanks was tendered to Prof. Bonham for the pleasure he had afforded the Association in the presentation of his subject.

At the suggestion of Mr. D. W. Todd, the balance of the afternoon session was spent in general discussion and in relating experiences.

On motion, Mr. A. C. Moore, of Canton, Ill., was invited to give his experience in the rearing of pigs. This was listened to with much interest.

He was always glad to receive visitors and to have them see and learn all they could of his methods in rearing hogs. Not being much of a talker, it would be easier for him to show his methods at home than to explain them here, but he would do the best he could. He and his sons had always been very successful in escaping losses from disease. This he attributed largely to the rules of cleanliness adopted and carried out. They made it a point to treat their hogs as they treated themselves, that is, from a common-sense point of view. He thought if others would treat their hogs as well there would be little trouble from disease among them. All their hogs and pigs are fed on floors, whether the feed be swill in the troughs or corn on the ear. The floors are cleaned two or three times a week and the troughs are also frequently well cleansed. The pens are also frequently swept clean and lime scattered through them.

All mud holes in the yards or lots are filled so as to prevent the hogs from wallowing in mud or drinking standing water. In the winter the pens are bedded, but the hogs are never allowed to go to their night quarters during the day. As soon as they are out in the morning the doors are closed, and during the day the beds are well shaken up so as to have them aired and dry before the hogs return to them at night.

During the day the hogs find warmth or shelter along the sunny side of a close board fence or the barn or the hog house. If the weather be stormy and wet they find shelter in the sheds. Their pens are built with wind-breaks on three sides, so that however cold the weather the hogs have sufficient protection. Formerly he used charcoal and ashes; of late years he has used cinders from stone coal. Brings this by the wagon-load when needed and keeps good supplies always within reach of the hogs. He and his two sons have about 1,000 hogs and pigs on their three farms of over 500 acres. They keep about seventy-five or less together. They often have cough among the pigs, when young, but never after they are a year old. There is less cough among those in small lots.

Mr. Bonham asked what advantage there was in feeding cinders instead of stone coal.

Mr. Moore replied that stone coal tends to produce constipation of the bowels, while cinders and charcoal do not.

Mr Curtis thought cinders, as suggested by Mr. Moore, a most excellent thing for hogs, as the carbolic acid which they contain serves as a protection against contagious diseases. Hogs must have some sort of roughness, as the desire for it seems to be a part of their nature, and we should follow the inclination of nature in hog-raising. He had found that hogs were fond of bone and roughness of a similar nature, and they will eat with great relish orchard brush that has been burned.

When asked whether coal oil would not serve the purpose of cinders, he replied no, that hogs like the cinders because of their grittiness.

Mr. Moore remarked that hog disease usually comes in September and October. He would inquire why it comes at that particular time.

In reply, Mr. Thomas said this occurs because during the heated months of July and August, when the hogs grow very thirsty, the streams dry up, pools grow stagnant, the water becomes foul, and the hogs, in satisfying their thirst, consume large quantities of such water, from which they take the poisonous germs of disease, which develop into serious consequences by about September or October.

Mr. Moore spoke in favor of the plan of ringing hogs by putting the ring in the gristle between the nostrils.

Mr. Thomas favored the same method.

Mr. Gilmore spoke of the fact that his pigs do not root up his pasture lands, though he has not used rings in ten years.

Mr. McClung spoke of a similar experience with his pigs.

Other members seemed to think they could not well dispense with the use of rings, at certain seasons at least.

On motion, adjourned to 8 P. M.

At 8 o'clock P. M. the Association was called to order, and Prof. J. R. Dodge, of Washington, D. C., was introduced by President Smith. Prof. Dodge then delivered an able address on the subject of "Foreign Restrictions and Legislation Necessary to the Welfare of the Swine Industry."

On motion of Mr. Curtis, a vote of thanks was tendered Prof. Dodge.

He was followed by Mr. F. D. Coburn, who read an entertaining and instructive paper on "Judging at Fairs."

On motion of Mr. Gilmore, a vote of thanks was tendered Mr. Coburn.

Mr. D. W. Todd desired to specially express his endorsement of the paper read by Mr. Coburn, and wished it could be placed in the hands of every Fair management in the land, as well as every exhibitor and every one intending to exhibit swine at the Fairs.

The Committee on Organization made the following report, which, on motion, was adopted:

The Committee on Organization begs leave to report recommending the adoption of the following resolutions as all that seem necessary at present for the better working of the Association as now organized:

Resolved, That the members of the Association hereby pledge themselves individually to the payment of an assessment of $1 each in addition to the annual dues, in case such an assessment may be needed to defray the necessary expenses of the Association.

Resolved, That Article IV of the Constitution be so amended that any State Swine Breeders' or Swine Record Association be admitted to membership on the same conditions as those prescribed for the admission of individuals, each such Association being entitled to representation by one delegate in the meetings of the Association.

PHIL. M. SPRINGER,
F. D. CURTIS,
W. W. McCLUNG,
Committee.

By the request of President Smith, the chair was occupied for a time by Mr. D. L. Thomas, of Indiana.

The report of the Treasurer was presented, showing a balance on hand of $52. The report was accepted as correct, and on motion adopted.

On motion of F. D. Curtis, it was ordered that the proceedings of the Association be printed in pamphlet form.

On motion, an assessment of $2 per member was pledged as a fund for the publication of the proceedings as ordered.

On motion of L. N. Bonham, it was ordered that an edition of 500 copies of the proceedings be printed, and that the Secretary be instructed to edit and superintend the publication of the same.

On motion of Hon. D. W. Smith, the Secretary was directed to address the several State swine-breeders' and swine record associations, inviting them to membership in the Association.

The Committee on Resolutions reported as follows:

WHEREAS, There is a foreign embargo on pork products greatly damaging to the interests of producers and packers; and whereas, such embargo has been placed on the plea that American pork is not wholesome; therefore be it

Resolved, That we urge upon our Representatives in Congress to secure efficient means for a thorough inspection of pork packed for export, that it can go abroad under the certificate of Government as sound and free from trichina.

Resolved, That this Association name a committee of three to act in concert with the National Board of Trade to secure needed legislation.

Resolved, That in the failure to secure the removal of such embargo of foreign governments, we earnestly recommend that retaliatory measures be adopted until such governments shall relieve our products from unjust and damaging charges.

F. D. CURTIS,
GEO. J. BRINE,
L. N. BONHAM,
N. H. GENTRY,
JOHN GILMORE,
Committee.

The resolutions were adopted, and the following gentlemen appointed as the committee: D. W. Smith, F. D. Curtis, and L. N. Bonham.

The Committee on Nomination of Officers for the ensuing year reported, and the election resulted as follows: President, L. N. Bonham, Oxford, Ohio; Vice President at large, D. L. Thomas, Rushville, Ind.; Secretary, Phil. M. Springer, Springfield, Ill.; Treasurer, B. R. Vail, Bonaparte, Iowa; Executive Committee, D. W. Smith, Bates, Ill.; C. W. Jones, Richland, Mich.; W. W. McClung, Waterloo, Iowa; H. C. Castle, Wilmington, Ill.; Vice Presidents, John Gilmore, Iowa; T. H. Hubbard, Kansas; F. D. Curtis, New York; Thos. Wood, Pennsylvania; T. H. Hunt, New Jersey; Alex. M. Fulford, Maryland; C. P. Mattocks, Maine; F. D. Beck, West Virginia; H. P. Eaton, Ohio; A. S. Gilmore, Indiana; W. P. Johnson, Tennessee; S. N. Steele, Mississippi; W. Warren Morton, Kentucky; N. H. Gentry, Missouri; J. B. Dinsmore, Nebraska; A. L. Richardson, Michigan; George Wiley, Wisconsin; H. M. Sisson, Illinois; Elias Gallop, California; William Gettis, Dakota; Mat. Canavan, Nevada.

On motion of D. W. Todd, the Secretary was instructed to procure a suitable record book for keeping the minutes of this Association, and to transcribe therein all the minutes from the opening of the meeting of 1883 to the close of the present meeting.

On motion of W. C. Jones, of Michigan, the Association adjourned to meet again at the time of the American Fat Stock Show in Chicago, in 1866.

American Berkshire Association.

OFFICERS.

Charles F. Mills, Springfield, Illinois, President.
Phil. M. Springer, Springfield, Illinois. Secretary.
George P. Weber, Pawnee, Illinois, Treasurer.

REPORT OF MEETING HELD IN CHICAGO, NOVEMBER 14, 1885.

This Association met in special session in the Sherman House, President C. F. Mills presiding, at 7;30 P. M., on the 14th inst. The attendance was not large, but the creditable reputation of the Association for enterprise, and as a leader in whatever would seem to promote the interests of breeders and feeders, as well as buyers and consumers of pork products, was well sustained.

From the report of the Executive Committee, read by the Secretary, Phil. M. Springer, we gather the following:

The Executive Committee take pleasure in presenting to the Association at this time Volume VII of the American Berkshire Record, containing 2,000 pedigrees, and making a work of 358 pages. The number of breeders and owners represented in this volume is over 800. The character of the stock recorded is believed to equal, and much of it to excel, that of the entries made in previous volumes.

The hope expressed at the annual meeting in January last, that Volume VIII would speedily follow Volume VII through the press, was well founded. Over 2,000 pedigrees are now in hand and almost ready for the printer.

The Executive Committee is pleased also to announce the appearance in this country of the first volume of the British Berkshire Herd Book. This is a work of nearly 300 pages, printed on heavy tinted book paper, and contains the pedigrees of 540 animals mostly in use as breeding stock in England at this time. The list of owners includes over one hundred of the leading breeders of Berkshire swine in Great Britain and Ireland.

The volume contains no "write up" of the Berkshire hog. The explanation for this is given in the preface in these words: "The Executive Committee have purposely abstained from writing up the praises of Berkshires as a distinct breed. It is considered that the estimation in which they are held in almost every country in the civilized world is evidence sufficient as to their value."

The Secretary, Mr. Heber Humfrey, makes another good point in his preface when he says: "The number of pedigree stock societies has greatly increased during the last few years, and they promise soon to embrace every distinct breed of our more useful animals, and that it will be for good, no one who has ever paid attention to the subject can for a moment doubt." He says also: "The Society with which we must feel our interests most nearly identified is the American Berkshire Association, which has been in existence more than ten years, and has published six or seven volumes of a Berkshire Record. These have contained, in addition to the pedigrees, a large amount of information on the breeding and management of pigs, and should insure that Society the best wishes of all who may be interested in breeding Berkshires."

The volume has been copyrighted in the United States, and can be had by addressing the Secretary of the American Berkshire Association at Springfield, Ill

As showing how impossible it is to frame rules that will fully satisfy everybody interested, the Executive Committee begs to mention that many patrons of the American Record claim that the interests of American breeders require an advance in the fee to be charged for the registry of imported animals. The main argument is, that in view of the fact that America is now well supplied with as good breeding stock of Berkshires as can be obtained from beyond the water, the money usually sent abroad for animals and paid out for transportation had better be retained or spent at home for the encouragement of American breeders. In the opinion of the Executive Committee, there is at present no just ground for an advance in the fees for recording imported animals, nor is it believed to be the wish generally in America that such advance be made. On the contrary, the greatest objection to the use in America of English-bred Berkshires having now been removed by the publication of the British Berkshire Herd Book, it is thought that American breeders will gladly avail themselves of the advantages to be had from the use of well-bred pedigreed animals from the best English herds.

Early maturity and economy of production in the breeding and feeding of hogs embrace questions of never-ending interest to swine-breeders, and in fact to all who are in any way concerned in supplying meats for the markets of the world.

In order to secure additional and more definite information on these points, the Executive Committee begs to suggest to the Association the propriety of offering the following special prizes:

1st. To the Agricultural College or Experimental Farm Station producing a Berkshire hog weighing 300 pounds at the least age, $100.

2d. To the Agricultural College or Experimental Farm Station producing a Berkshire hog weighing 300 pounds at the least cost per pound for feed, care and other necessary expense, $100.

The limitation of these prizes to Agricultural Farms or Farm Stations seems best, because they are supposed to be already well equipped for such work, and being public institutions, the lessons resulting from the experiments would receive wider publication

and be of use to a far greater number of breeders than if they were conducted by individual enterprise. It is evident also that the greater the number of institutions co-operating the more extended will be the territory, the more varied the methods of feeding, and withal the more valuable to feeders and breeders will be the facts developed by these experiments. It would be well, also, if arrangements could be made for the exhibition of the competing animals at the next Fat Stock Show in Chicago.

The past success of the American Berkshire Association in awarding special prizes for the promotion of the swine-breeding industry, should encourage us to renewed effort in this direction. The prize Essays published by the Association in Vols. I and II of the Record, have well repaid their cost as "starters" in the work of collecting valuable information.

There never was a time when reliable and systematic experimental work in the management of hogs has been more needed, or the information to be derived from such work more eagerly sought after, than at present.

The attention of the Executive Committee has been called repeatedly to the unsatisfactory pedigrees furnished with animals sold by Alex. Peoples, *alias* W. Gibbons & Co., West Chester, Pa. In the interest of parties sending these pedigrees for registry, the committee has taken special care to make inquiry regarding their source. The result of these inquiries points to a third party at West Chester, Pa., as the one formerly doing business in the name of Alexander Peoples, and now as W. Gibbons & Co. Under the latter name and style his advertisement is now carried by a number of live-stock papers, the publishers of which can hardly be ignorant of the questionable practices of the so-called firm. There is perhaps no action needed by the Association at this time other than the warning hereby given against the purchase of Berkshires having no better authenticated pedigrees than those furnished by the parties above mentioned, as such pedigrees will not be accepted for registry in the American Berkshire Record.

The following resolutions were introduced and adopted:

WHEREAS, We are led to believe, from the facts brought out by the addresses delivered by Mr. George D. Brine, of the Chicago Board of Trade, and Prof. J. R. Dodge, of Washington, at the late meeting of the National Swine-Breeders' Association, that it is within the power of American breeders to secure the removal of foreign restrictions on American pork; and

WHEREAS, The said National Association has appointed a committee to confer with the National Board of Trade with a view to securing the removal of said restrictions; and

WHEREAS, It is expected of said committee that they visit Washington and personally lay before the authorities there the conclusions reached, and urge immediate and decisive action in the matter; and

WHEREAS, The said National Association adjourned without providing for the traveling and other necessary expenses of said committee; therefore,

Resolved, That the American Berkshire Association hereby agrees to pay its *pro rata* share of the expenses of the said committee.

Resolved, That the Secretary is hereby instructed to communicate with the six or eight Swine Record Associations, requesting them to make similar appropriations, to the end that the committee designated by the National Association may thereby more surely accomplish the important object had in view by their appointment.

The American Berkshire Association was organized February 25, 1875, and incorporated under the laws of the State of Illinois March 18, 1879. Its object has been to collect, revise, preserve and publish the history, management and pedigrees of pure bred Berkshire swine.

THE AMERICAN DUROC-JERSEY SWINE BREEDERS' ASSOCIATION.

OFFICERS.

George W. Stoner, La Place, Illinois, President.
Charles H. Holmes, Grinnell, Iowa, Secretary and Treasurer.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 18, 1885.

The American Duroc-Jersey Swine Breeders' Association met in annual session at the Grand Pacific Hotel, Chicago, on the evening of November 18th, 1885, with President Geo. W. Stoner, of La Place, Ill., in the chair. The roll call showed that twenty-five members were present, from New York, Ohio, Michigan, Wisconsin, Illinois and Iowa.

Minutes of the last meeting were read by the Secretary and approved.

The roll call revealed a membership of two hundred and forty-seven (247), being larger by far than that of any other kindred association. The Secretary's report showed an increase of fifty-four in the membership since the last meeting; that the first volume of the American Duroc-Jersey Swine Record had appeared (a book of 257 pages), containing the pedigrees of thirteen hundred (1,300) swine, together with a history of the breed, constitution and by-laws, rules of entry, standard of excellence, scale of points, and all the minutes of the first annual meeting, with the President's address in full; that 300 copies had been printed, and though but few copies had been sold, yet the revenue from registry fees was enough to carry the expenses of the Association and pay for the printing in full.

The Treasurer's report showed: receipts, $982.75; expenditures, $820.88; outstanding accounts, $327.13, being principally the salary of the Secretary.

The reports were referred to the Auditing Committee, who, after a careful examination of the accounts, submitted the following:

Resolved, That we, the Auditing Committee, beg leave to report that we have carefully examined the accounts of the Secretary and Treasurer and find that they agree and are correct; and we desire to add that we are gratified to find that the Secretary has invariably obtained the printing for the Association at the lowest prices, which is shown by the vouchers submitted to us.

Signed by CHAS. J. STUCKEY,
E. A. BARNETT,
R. H. GAGE,
Auditing Committee.

The annual election for officers then took place.

The President in his address, after welcoming the members, said: "It is not a pastime or idle pleasure that impels so many to be present on these occasions, but the fact that in these meetings we find medicine of the greatest importance to the health and prosperity of our industry." He spoke not only of the progress of the Association; its success in giving to the public, and particularly to the members of the Association, a reliable, trustworthy record of the pedigrees of Duroc-Jersey swine; but also briefly touched upon the rapid improvement made in the swine of this breed during the past year. "Those who were wont to sneer at and disparage them as the despised descendants of the sand-splitter of their boyhood days, stop now at their pens, admiring—linger, and before saying good-bye, pat fondly their broad backs in genuine approval of freshly recognized merit."

Of the many resolutions brought before the convention, the following is a summary of those deemed necessary at present for the better working of the organization, having been moved and adopted:

Resolved, That this Association hold its regular annual meeting on the evening succeeding that of the National Swine Breeders' Convention, at the Grand Pacific Hotel, Chicago.

Resolved, The price of the first volume of the Record be raised to $5 00 on Jan. 1st, 1886.

Resolved, That in lieu of an assessment to meet the present indebtedness of the Asso-tion the members be requested to advance $5.00 each, to be credited on the books of the Association to the respective members, as prepayment of future recording fees to that amount.

Resolved, That double entry fees shall be required on all animals over one year old.

Resolved, That the Secretary be authorized to sell entry blanks in books of 100 forms each at $1.00.

Resolved, That this Association offer a special premium of $25.00 at American Fat Stock Show of 1886, for the best pen of five Duroc-Jersey barrows, any age.

Resolved, That this Association pay Col. F. D. Curtis $50.00 for essay and history of the breed, and $35 00 as expenses at Washington, D. C., representing the Association.

Resolved, That entries shall be received for the second volume of the Record until July 1st, 1886, after which time pedigrees will be held over for publication in the third volume.

Resolved, That the Secretary charge $15.00 per page for advertisements in the second volume.

Resolved, That the Secretary be directed to notify Phil. D. Miller, of Panora, Iowa, to appear before the Executive Committee at the regular meeting in November, 1886, to vindicate himself regarding the charges against him as a member of this Association.

Resolved, That the Secretary be required to make quarterly reports to the President, showing clearly the financial condition of the Association.

Col. Curtis, of New York, moved, in behalf of the Association, that the convention return a vote of thanks to the President and Secretary for their faithful and efficient work during the past year. In his remarks, referring to the first volume, he said: "The members are to be congratulated that in the progress of its work the Association has come safely over that experimental ground which every new enterprise must necessarily traverse; that the public registration of Duroc-Jersey swine is no longer viewed as an experiment, but as practicable, having increased the interest in the improvement of this now popular breed, as well as greatly enhancing the value of the swine so recorded. The foundation is laid, and the first volume now before the public can be accepted as a well-founded base from which all parties may confidently advance in systematic and intelligent breeding of Duroc-Jersey swine. The President and Secretary have been greatly assisted by the Executive Committee in building up this wide-spread Association, but in the routine duties incident to the constant care and management, it is to their peculiar ability and patient industry that should be credited by far the larger part of such merit as has been attained. Therefore, to them we owe a debt of gratitude which we cannot now better express than by giving them our unanimous vote of thanks."

The Convention so voted. With the best of harmony and good feelings, the Convention adjourned to meet during the week of Fat Stock Show in Chicago, 1886.

CHARLES H. HOLMES, *Secretary*.

American Southdown Asssociation.

OFFICERS.

J. H. Potts, Jacksonville, Ill., President.
S. E. Prather, Springfield, Ill., Secretary.
D. W. Smith, Bates, Ill., Treasurer.

REPORT OF MEETING HELD IN CHICAGO, NOVEMBER 16, 1885.

At the special meeting of the American Southdown Association, held in the Sherman House on the 16th inst., the Board of Directors reported the breeders of the recorded Southdown sheep in America as this season realizing more fully than ever the value of a public record of this stock.

Since wool-growing has ceased to yield satisfactory profits, and sheep-raisers are in consequence paying greater attention than formerly to the production of mutton, they naturally look about for pure-blood Southdowns, so generally acknowledged to be the best of all sheep, from a strictly mutton-producing point of view. This has caused a good demand of late for Southdown rams, and has led also to an unusual number of applications for entry in Vol. II of the record now being compiled.

It is plain, however, that the breeders of Southdown sheep cannot afford to stand quietly by, relying chiefly on the heretofore well-sustained reputation of this ancient breed of sheep. As breeders we may fully understand and appreciate the value of Southdowns, but the fact of their great worth must be kept prominently before the public, else more enterprising men, with newer and possibly less meritorious breeds, will surpass us in the dissemination of their stock, and will reap in consequence the rewards which should as well have been our own.

The prompt registry of animals chosen for breeding stock, and the report, to the Secretary of the Association, of all sales or transfers as soon as made, should not be omitted. During the short time since the work of the Association was commenced there has been accumulated a great amount of information bearing upon the early history of the long-established flocks of Southdown sheep in America. This information is always held at the service of the patrons of the Record, or those who wish to become such, and who desire this information for the perfecting of the pedigrees of stock they would have recorded.

The Board of Directors also reported the Association in good running order, with its first volume of 1,000 pedigrees now before the public. There are no debts to report, but on the contrary a creditable balance in the treasury.

Breeders who desire pedigrees recorded in Vol. II, should lose no time in placing them in the hands of the Secretary. No advance in the fees for recording in this volume has been made, though it is possible that by the time work on the third volume is begun the wish of the early patrons of the Record that such advance be made will be complied with.

The American Southdown Association was incorporated under the laws of the State of Illinois on the 23d of June, 1882. The object of the Association is to collect, revise, preserve and publish information on the history, management and pedigrees of Southdown sheep.

American Oxforddown Sheep Record Association.

OFFICERS.

F. C. Goldsborough, Easton, Maryland, President.
T. W. W. Sunman, Spades, Indiana, Secretary.

REPORT OF MEETING HELD IN CHICAGO, NOVEMBER 17, 1885.

The Association met at the Sherman House Tuesday evening, November 17, 1885, with Col. F. C. Goldsborough, President, of Easton, Md., in the chair.

The President briefly stated that this was not a regular meeting, but only a called meeting to exchange views and receive suggestions to be acted upon at the next regular annual meeting.

Gen. Sol. Wright, of Ghent, Ky., said: "I am well pleased with the Oxfords. I like them better every year. Have sold all thoroughbreds at good prices. I have received five times the number of letters this year than I ever did before. Have sold sheep to go to California, and the party who bought them was well pleased with them. I have had an offer from Nebraska for a car load lot, one-third lambs, balance not over five years old, at $35 per head."

Mr. W. A. Shafer, of Excells, O., said: "I saw to-day, at the Fat Stock Show, a nice fat wether, bred by Albert Brassey, Esq., of England, that was lying in a pen of Shropshire sheep, that attracted much attention, not many knowing the Oxford from the Shropshire. I believe that all Fairs should be requested to compel all sheep shown to be recorded in some record of their breeds."

Mr. Wright said: "I, too, am in favor of Fairs compelling the man who shows sheep, no matter of what br ed, to have them recorded, as there is now a Record for each breed of sheep as now bred in this country, except a few."

Col. Goldsborough said: "I went to the European market last year to see German sheep there for sale that were cross-bred, and it was no trouble to select all Oxford crosses. They were invariably of better quality, nicer fattened and much larger than any sheep sent to market."

Mr. Stone, of Stonington, Ill., said: "We have made wethers and came here to hold up the show. I believe that all not extra good ram lambs should be castrated and shown at the Fat Stock Shows. I must say, in regard to the charges for recording, that I think your fee of one dollar per head is too much. If the Shropshire breeders can record for fifty cents and have money on hand, why cannot the Oxfords do so? If you can explain why it is necessary to charge one dollar, I will join your Association, but if you cannot, I cannot join."

Mr. Loake, of Stonington, Ill., also related his experience with Oxfords, saying that he had seen many sheep in England that were bred for profit, and that the Oxfords far outstripped any of the others. This was why he was breeding Oxfords.

Other parties present joined in and gave as a part of their experience that they had never found a sheep better suited to their wants than the Oxfords.

F. C. GOLDSBOROUGH, *President*, Easton, Md.

T. W. W. SUNMAN, *Secretary*, Spades, Repley Co., Ind.

American Cotswold Association.

OFFICERS.

E. B. Emory, Centerville, Maryland, President.
J. C. Snell, Edmonton, Ontario, Vice-President.
Charles P. Mattocks, Portland, Maine, Vice-President.
Charles F. Mills, Springfield, Ill., Vice-President.
George Harding, Waukesha, Wisconsin, Secretary and Treasurer.

REPORT OF ANNUAL MEETING HELD IN CHICAGO, NOVEMBER 17, 1885.

The eighth annual meeting of the American Cotswold Association was held at the Sherman House, Chicago, November 17, 1885. The meeting was well attended by the representative breeders of the country, and the sheep interest fully discussed. The breeders had generally found better demand for stock this year than last and look for a boom in Cotswolds in 1886. Letters were read from prominent breeders that could not be present, reporting trade good and wishing the Record success. The Board of Directors decided to reduce the fee for recording lambs to fifty cents up to January 1st of each year. The third volume of the Record is now ready for distribution; price by mail $3.

The Finance Committee report $112 on hand after paying all expenses on Vol. III. The meeting adjourned till the next Fat Stock Show in 1886.

GEORGE HARDING, *Secretary.*

Illinois State Veterinary Medical Association.

OFFICERS.

R. J. Wethers, M. D. V. S., Chicago, President.
A. B. Maguire, V. S., Joliet, 1st Vice-President.
B. B. Page, V. S., Rockford, 2d Vice-President.
S. S. Baker, V. S., Chicago, 3d Vice-President.
Joseph Hughes, M. R. C. V. S., Chicago, Recording Secretary.
J. F. Ryan, V. S., Chicago, Corresponding Secretary.
A. H. Baker, V. S., Chicago, Treasurer.
N. H. Paaren, M. D. V. S., Chicago, Wm. Sheppard, M. R. C. V. S., Ottawa, G. W. Stimpson, V. S., Quincy, Board of Censors.

REPORT OF THE SIXTH ANNUAL MEETING, HELD IN CHICAGO, NOV. 11, 1885.

Minutes of previous meeting read and confirmed.

On motion the following gentlemen were admitted members: L. C. Tiffany, V. S., Jacksonville; Walter S. Tomlinson, V. S., Alexsis; P. C. Dodge, V. S., Rochelle; J. W. Ireland, V. S., Belvidere; and H. E. Delivergne, V. S., Sycamore. All these gentlemen being graduates of veterinary colleges, were elected unanimously.

Dr. Green, Richmond, read a paper on scrofulous ostitis, and produced a very interesting specimen of the disease.

Dr. Ryan introduced the subject of neurotomy, which was discussed at length.

Dr. Baker moved a motion, notice of which had been given at a previous meeting, that Section 1, Article III, of the Constitution be so amended as to restrict the membership of the Association to graduates of recognized veterinary colleges only.

Seconded by Dr. Paaren and carried unanimously.

Dr. Hughes moved that in order to obviate the difficulty experienced by the Association in obtaining essays at each meeting where essayists have been named by the Chairman at a preceding meeting, that a fine of $10,00 be imposed on such delinquents who fail to produce such essay or give a satisfactory excuse for its nonproduction.

The motion was seconded.

Dr. Paaren moved as an amendment, that relating an interesting case be considered equivalent to reading an essay.

Dr. Bond seconded.

On being put to the meeting the motion was declared carried.

On reconsideration, the amendment was incorporated with the motion, and being put to the meeting was carried unanimously.

Dr. Paaren moved that the election of officers take place at the fall meeting held in Chicago during November, instead of at the spring meeting when the attendance of members is usually small.

Dr. Hughes seconded. Carried.

Dr. Page moved, seconded by Dr. Paaren, that all the meetings of the Association be held in Chicago, instead of as heretofore holding the spring meetings in different towns throughout the State. Motion put and carried.

The following resolution passed by the city council of the city of Sterling, was handed in:

Resolved, That the mayor be instructed to invite, on behalf of the city of Sterling, the Illinois State Veterinary Medical Association to hold its regular spring meeting for the year 1886 at this city.

Dr. Paaren moved that the thanks of the Association be sent to the mayor and city council of Sterling for their kind invitation, at the same time expressing the regret of the members of the Association at their inability to hold the next meeting in Sterling.

Dr. Baker seconded. Carried.

Dr. Paaren moved that the spring meeting be held on the first Wednesday after the 15th of June of each year. Seconded by Dr. Cushing. Carried.

The Chairman then named the essayists for the next meeting.

Adjourned.

JOSEPH HUGHES, *Secretary.*

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Washburn, J. M.—V. P.—
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